

Panasonic®

Facsimile

Panafax® UF-585/595

User's Guide



IMPORTANT INFORMATION

When requesting information, supplies or service always refer to the model and serial number of your machine. The model and serial number plate (Main Name Plate) is located on the machine as shown below. For your convenience, space is provided below to record information you may need in the future.

Model No. _____

Serial No. _____

Date of Purchase _____

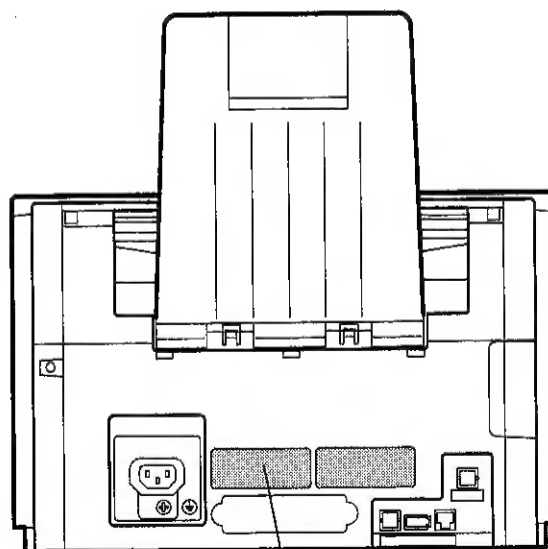
Dealer _____

Address _____

Telephone Number
() - _____

Supplies Telephone Number
() - _____

Service Telephone Number
() - _____



Model and Serial Number

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► Safety Information

This product complies with the requirements of EC Council Directives 73/23/EEC amended by 93/68/EEC, and 89/336/EEC amended by 92/31/EEC and 98/68/EEC and 98/13/EC.

The equipment has been approved in accordance with Council Decision 98/482/EC for pan-European single terminal connection to the public switched telephone network (PSTN). However, due to differences between the individual PSTNs provided in different countries, the approval does not of, of itself, give an unconditional assurance of successful operation on every PSTN network termination point.

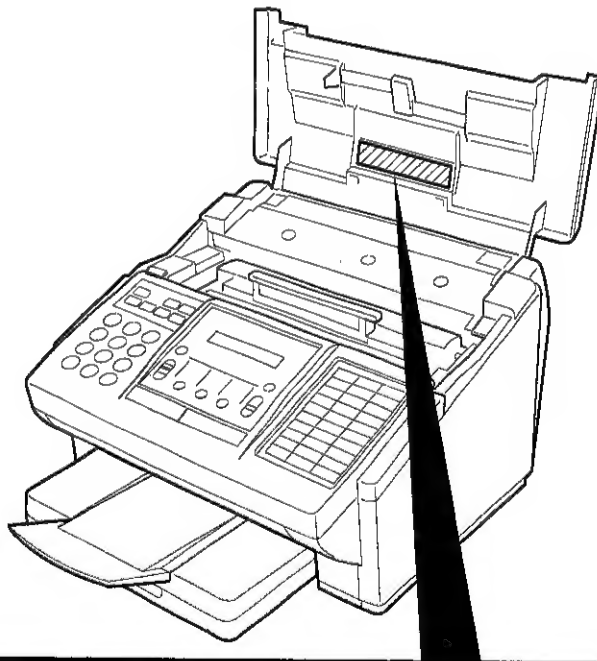
In the event of problems, you should contact your equipment supplier in the first instance.

⚠ WARNING denotes a potential hazard that could result in serious injury or death.

- TO PREVENT FIRE OR SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR ANY TYPE OF MOISTURE.
- TO MINIMIZE THE POSSIBILITY OF SHOCK OR DAMAGE TO THE MACHINE, IT MUST BE PROPERLY GROUNDED.
- THIS PRODUCT CONTAINS HAZARDOUS RADIATION. IF YOU DO NOT FOLLOW THESE INSTRUCTIONS OR USE CONTROLS, MAKE ADJUSTMENTS OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN, YOU MAY EXPOSE YOURSELF TO HAZARDOUS RADIATION.
- WHEN YOU OPERATE THIS EQUIPMENT, THE SOCKET-OUTLET SHOULD BE NEAR THE EQUIPMENT AND BE EASILY ACCESSIBLE.
- MAKE SURE THAT THE MACHINE IS INSTALLED IN A SPACIOUS OR WELL-VENTILATED ROOM SO AS NOT TO INCREASE THE AMOUNT OF OZONE IN THE AIR. SINCE OZONE IS HEAVIER THAN AIR, IT IS RECOMMENDED THAT AIR AT FLOOR LEVEL BE VENTILATED.

⚠ CAUTION denotes hazards that could result in minor injury or damage to the machine.

- THIS PRODUCT CONTAINS A LITHIUM BATTERY. DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED.
REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS OF YOUR LOCAL SOLID WASTE OFFICIALS.



CAUTION -Invisible laser radiation when open and interlocks defeated. AVOID EXPOSURE TO BEAM.

VORSICHT -Unsichtbare Laserstrahlung, wenn Abdeckung geöffnet und Sicherheitsverriegelung überbrückt. NICHT DEM STRAHL AUSSETZEN.

ATTENTION -Rayonnement laser invisible dangereux en cas d'ouverture et lorsque la sécurité est neutralisée. EXPOSITION DANGEREUSE AU FAISCEAU.

PELIGRO -Cuando se abre y se invalida el bloqueo, se producen radiaciones invisibles de láser. EVÍTESE LA EXPOSICIÓN DIRECTA A TALES RAYOS.

Manufacturer's Network Compatibility Declaration to the user

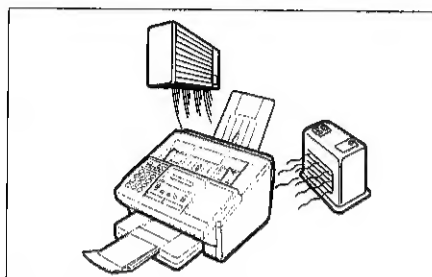
The products, Model UF-585/595-** (** means country suffixes as table below.), are designed to comply with the requirements, *TBR21:1998 and EG201121 (V1.1.2): 1998*, and are designed to work with the Analogue Public Switched Telephone Networks under the scope of above requirements.

If it is desired to use the equipment on another network, please contact the vendor.

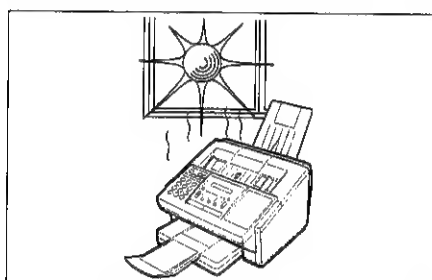
| ** | Country | ** | Country | ** | Country | ** | Country |
|----|-----------------|----|-------------|----|---------|----|---------|
| AA | Austria | AJ | Spain | AQ | Ireland | EE | Italy |
| AD | Denmark | AM | Switzerland | AR | Belgium | YG | Greece |
| AF | Finland | AN | Norway | AS | Sweden | AB | U.K. |
| AH | The Netherlands | AP | Portugal | AV | France | AG | Germany |

► Safety Information

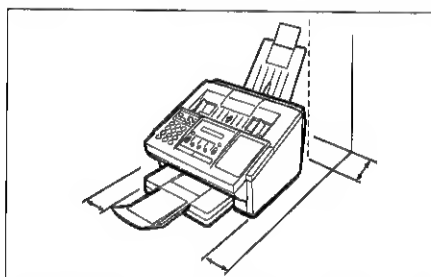
⚠ CAUTION denotes hazards that could result in minor injury or damage to the machine.



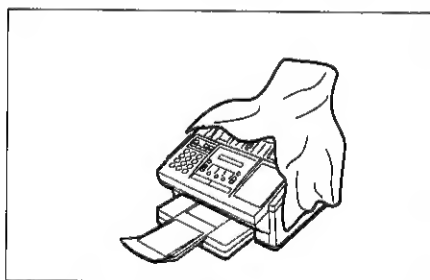
Do not install the machine near heating or an air conditioning unit.



Avoid exposure to direct sunlight.



Install the machine on a flat surface, leave at least 10 cm of space between the machine and other objects.



Do not block the ventilation openings.



Do not place heavy objects or spill liquids on the machine.

Thank you very much for purchasing the Panafax **UF-585/595**.

The **UF-585/595** is one of the most advanced models in the Panafax family of G3 compatible, desktop facsimile machines.

Some of its many features are

1. Plain Paper Printing

Plain paper printing means you can easily write on received documents with a pen or pencil. Documents do not curl, making filing easier. In addition, plain paper does not fade, making it ideal for long term storage of important documents.

2. Quick Scanning

The **UF-585/595** Quick Scan speeds up the fax process by scanning the documents into memory in about 6* seconds per page.

(Standard Resolution, based on ITU-T Image No. 1 Test Chart. The scanning speed applies to the feeding process from the leading to the lagging edge of a single page test chart. The time for the storing process is not applied for this definition.)*

This means that you no longer have to wait around until a transmission is completed before retrieving your originals.

3. Easy Maintenance

Maintenance requires only changing a toner cartridge, making it quicker and easier than with other types of plain paper fax machines.

4. Memory Function

A standard image memory feature allows you to store up to 60 standard pages into the document memory. After the **UF-585/595** stores your documents, it can send them to selected station(s) automatically.

You do not have to wait until the transmission ends before retrieving your originals.

5. Multi- Access Operation

The **UF-585/595** allows you to reserve the next transmission even during reception or memory transmission. It can also receive during document storage.

6. Fax / Telephone Auto Switch

The **UF-585/595** differentiates between an incoming fax or voice call and automatically switches the circuit to either receive a document or to ring until you pick up the telephone connected to it. With the **UF-585/595** you do not require a separate telephone line for your fax.

7. TAM Interface

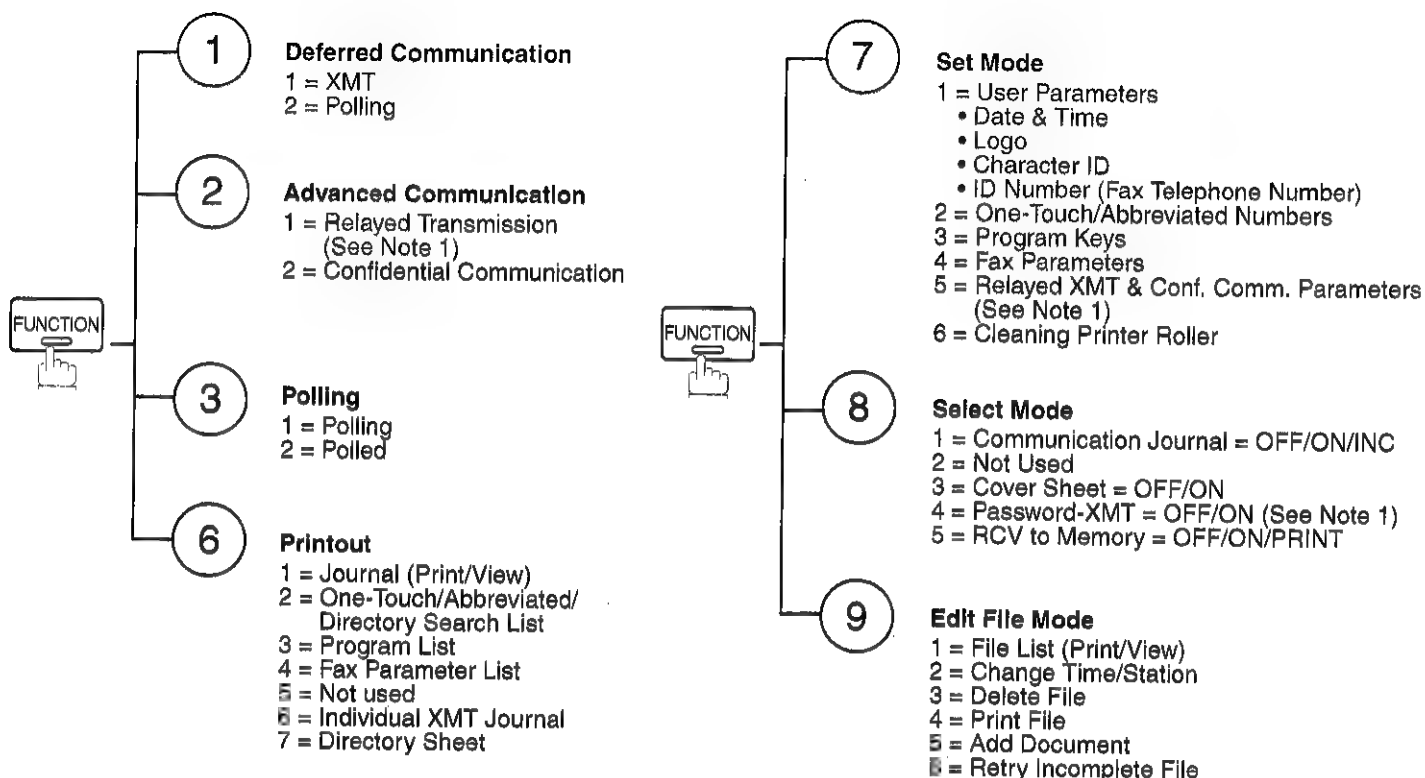
A Telephone Answering Machine (TAM) can be connected to the **UF-585/595**. The **UF-585/595** determines whether the signal from the calling side is a fax or voice call. If it is a fax, the **UF-585/595** will switch the telephone line and start the fax communication. If a fax signal is not detected, the **UF-585/595** will stay in the TAM mode and the caller can leave a message.

With a little practice, anyone can learn how to use the most popular features of the **UF-585/595**.

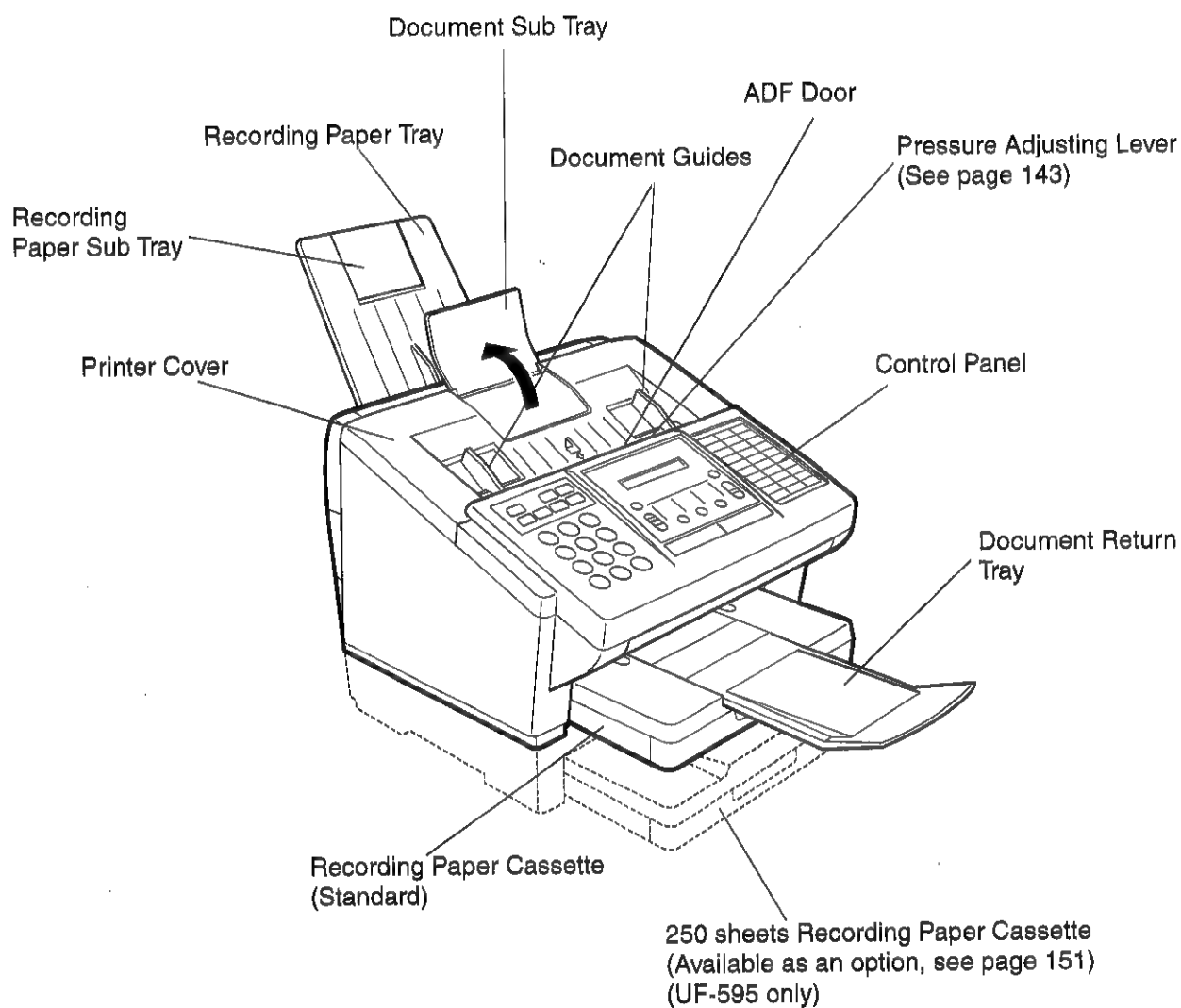
This User's Guide will help you to use your **UF-585/595** quickly and easily. The Table of Contents shows where to find information on each feature. Although we recommend that you review each section briefly, it will only be necessary to read the sections that contain the feature(s) you will be using.

► Function Key








Any function can be started by first pressing **FUNCTION** and then enter the function number, or by pressing **▼** or **▲** scroll key repeatedly until the desired function appears on the display.

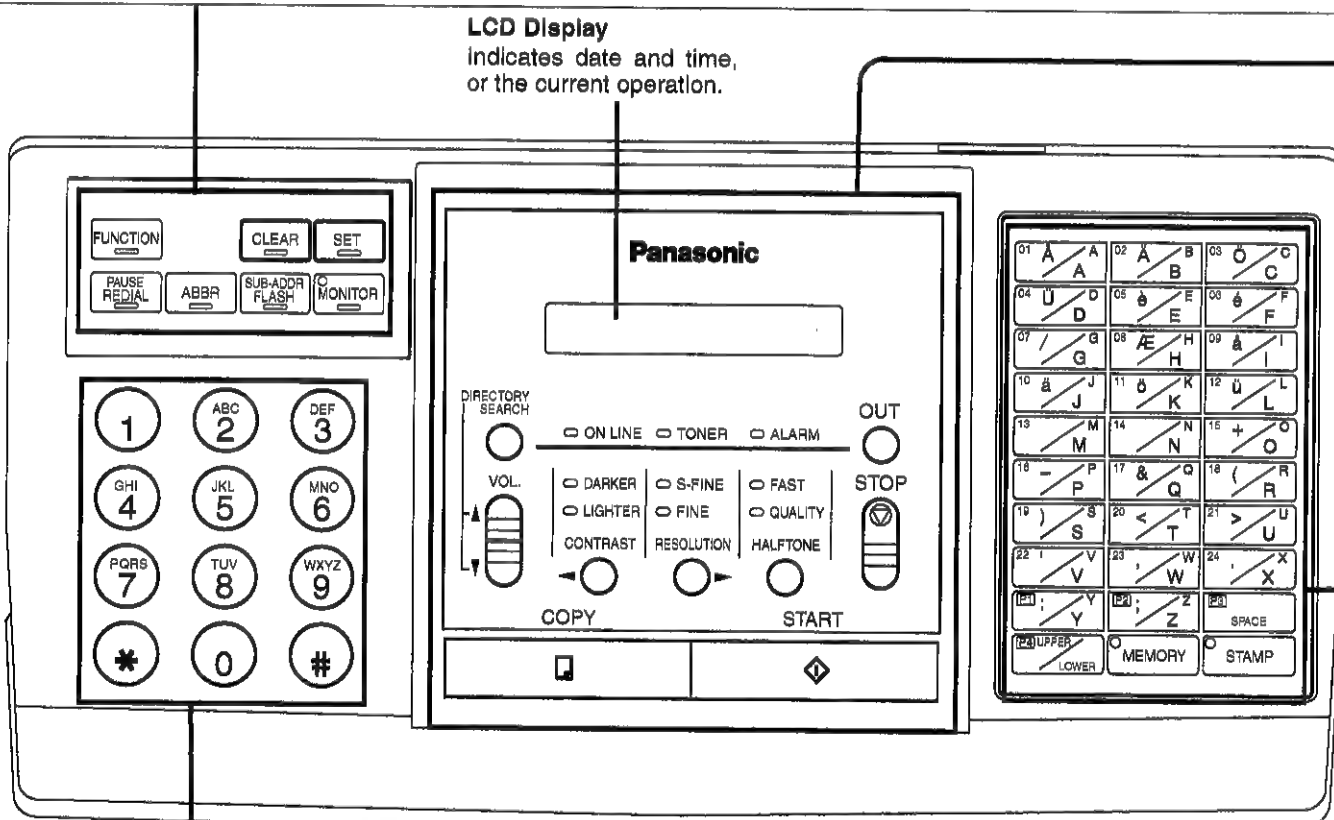


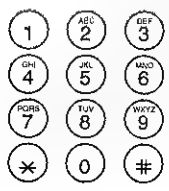

! **Note:**
 1. If Fax Parameter is not preset to a Valid position, which enables you to use the function, the display will not show the function.



► Control Panel




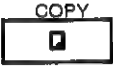








| | | | |
|---|---|---|---|
|  | Used to enter a pause when recording or dialling a telephone number, or to redial the last dialed number. (See page 59) |  | Used to erase the previously entered input. |
|  | Used to start Abbreviated Dialling. (See page 48 and 53) |  | Used to set operations. |
|  | Used to separate the Sub-address from the telephone number when dialling, or to access some features of your PBX. |  | Used to start On-Hook Dialling. (See page 56) |
|  | Used to start or select the function and sub-functions. These functions are explained in detail on page 10. | | |



| | | | |
|---|--|---|--|
|  | Used for Manual Number Dialling, recording phone numbers, and selecting functions. |  | Used to temporarily change the Dialling Mode to Tone when Pulse mode is set. |
|---|--|---|--|

Control Panel

1

| | | |
|---|--|--|
| <p>CONTRAST  Used to set Normal, Lighter, or Darker. (See page 41) Also serves as an arrow key (<) to move the cursor over recorded numbers and characters.</p> <p>RESOLUTION  Used to set Standard, Fine or Super-Fine. (See page 41) Also serves as an arrow key (>) to move the cursor over recorded numbers and characters.</p> <p>HALFTONE  Provides OFF, QUALITY or FAST settings for halftone documents. (See page 42)</p> | <p>COPY  Used to make copies. (See page 68)</p> <p>START  Used to start operations.</p> <p>DIRECTORY SEARCH  Used to search for a station name. (See page 49 and 54)</p> <p>OUT  Used to select either IN mode or OUT mode. (See page 60)</p> | <p>VOL.  Used for the following:</p> <ul style="list-style-type: none"> Adjust the monitor and ringer volume. (See page 24) Search the station name for Directory Search Dialling. Confirm the entered station for multi-station communication. Select functions. Confirm the current communication modes (e.g. Page number, ID, Dialed Telephone number, File number) when the unit is ON LINE. <p>STOP  Used to cancel operations. When it is pressed, the machine will return to standby.</p> <p>ON LINE  Blinks when the machine is transmitting a document or receiving.</p> <p>TONER  Blinks when the remaining toner is getting low and lights when the toner has run out. (See page 16)</p> <p>ALARM  Lights when trouble occurs. (See page 133)</p> |
|---|--|--|

One-Touch Keys (01-24)

Used for One-Touch Dialling.
(See page 47 and 52)

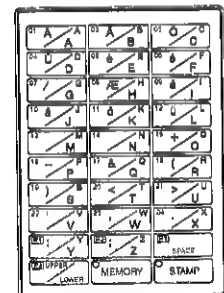
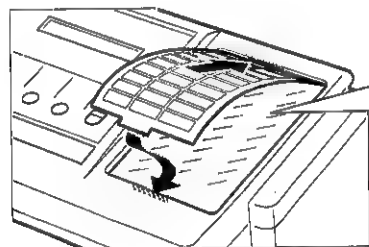
Program Keys (P1-P4)

Used to record long dialling procedures or Group Dialling Number keys.
(See page 74 to 79)

Character Keys

The One-Touch Keys and Program Keys also serve as character and symbol input keys which are used to record your LOGO, character ID and station name. The character key template is printed on the panel under the directory sheet cover.

Note : Whenever One-Touch keys are changed to the character key mode (to record your LOGO, station name, etc...), use the UPPER/LOWER key to switch between upper and lower character set.

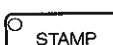


SPACE 

Used to insert ■ space while entering LOGO, character ID and station name.

MEMORY 

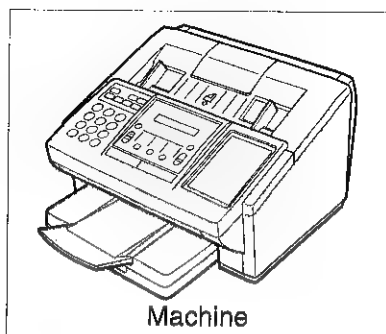
Used to select either memory or direct communication. (See page 44 to 54)

STAMP 

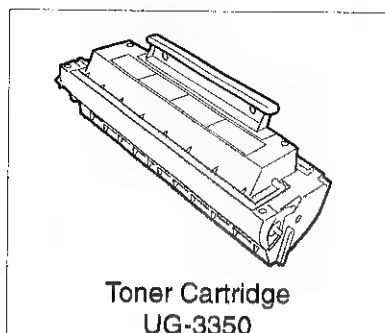
Used to turn the verification stamp ON or OFF. (See page 42)

► Main Unit and Accessories

Unpack the carton and check that you have all the accessories illustrated.



Machine



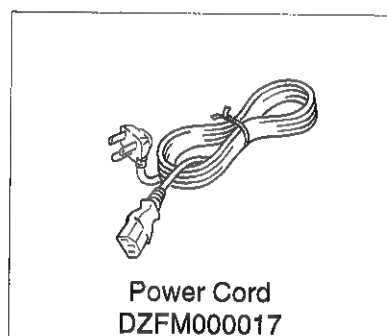
Toner Cartridge
UG-3350



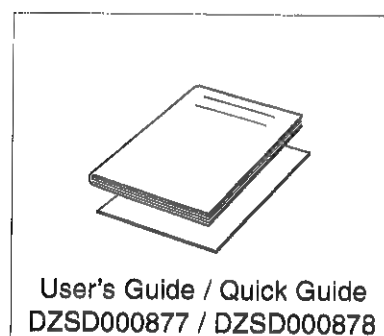
Recording Paper Tray
DZML000297+
DZML000299



Telephone Line Cable
DZFN000095



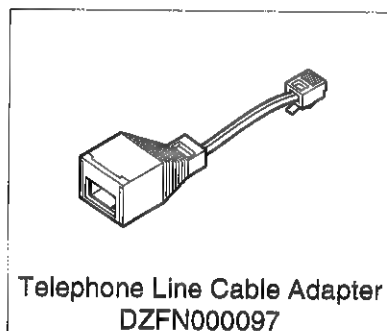
Power Cord
DZFM000017



User's Guide / Quick Guide
DZSD000877 / DZSD000878



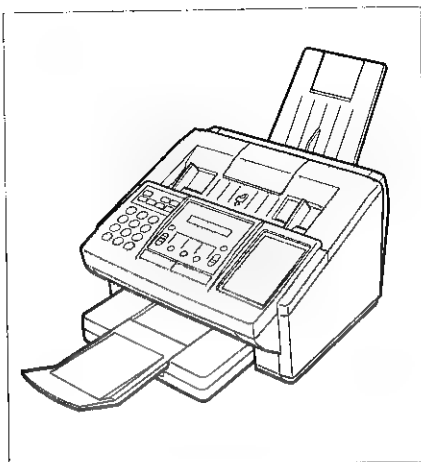
Lithium Battery and Holder
CR2032 / DZJC000234



Telephone Line Cable Adapter
DZFN000097

Installing the Accessories

2

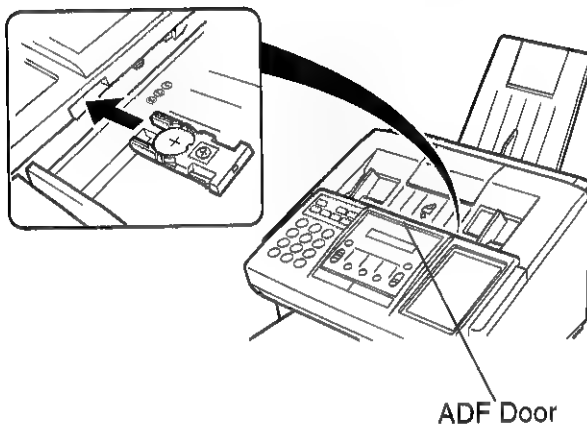


Final Installed View

Installing the Lithium Battery

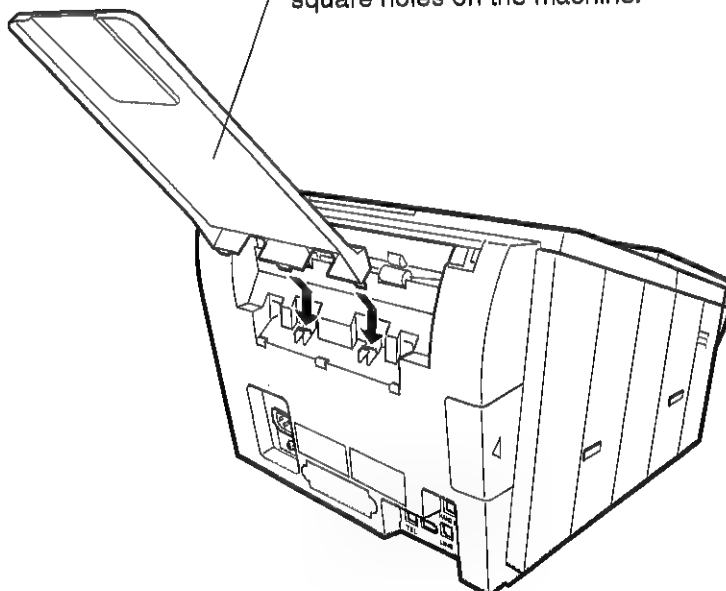
(This battery is used to backup the clock during power failures, see page 145.)

Install the Battery into the Holder and slide it into the slot on the ADF Door as shown.



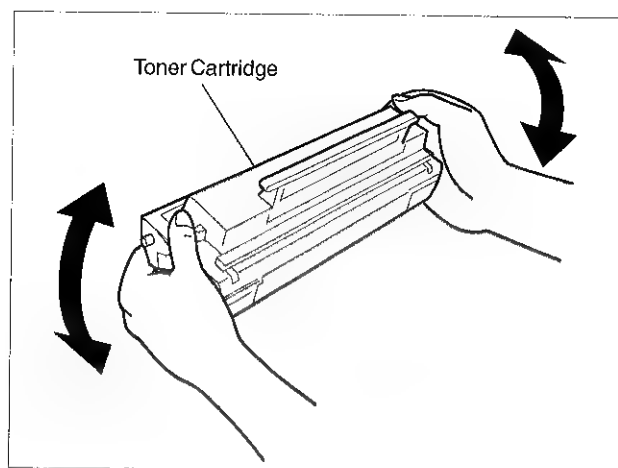
Recording Paper Tray

Hook the projections into the square holes on the machine.



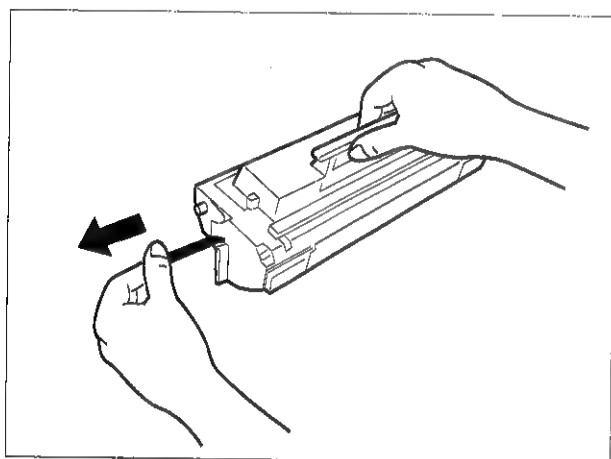
► Installing the Toner Cartridge

1



Unpack the Toner Cartridge and rock it back and forth as shown for 5 or 6 times to even the toner inside.

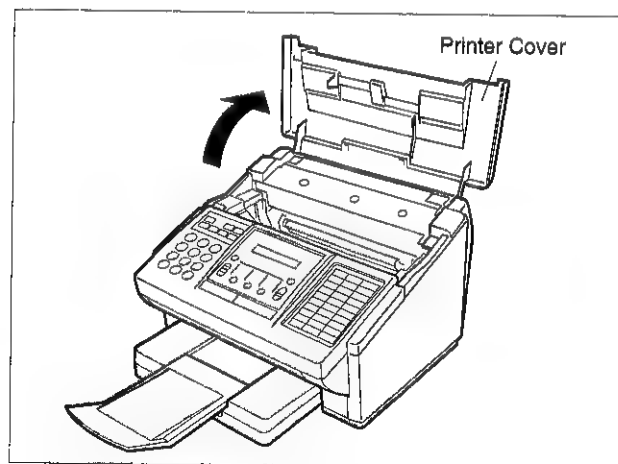
2



Remove the protective seal.

Note: Pull on the seal slowly and straight out.

3

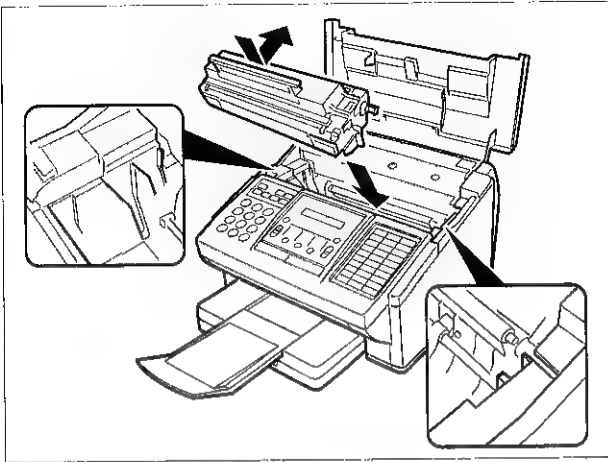


Open the Printer Cover.

Continued on the next page.

Installing the Toner Cartridge

4

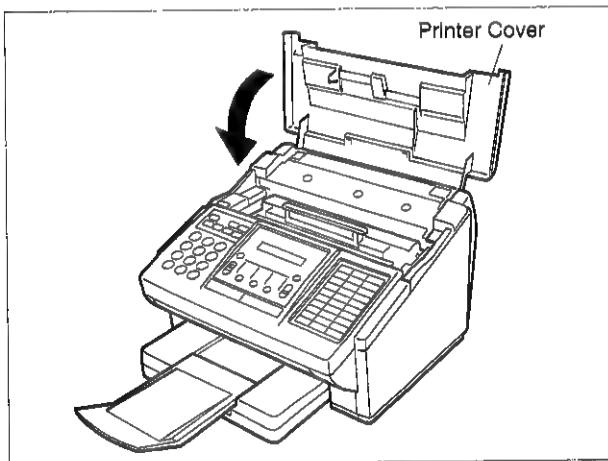


Align the projections on both sides of the Toner Cartridge with the grooves in the machine as shown and insert the Toner Cartridge into the machine.

Note : Lock the Toner Cartridge into place by pressing the handle down and then pushing towards the rear of the machine.

2

5



Close the Printer Cover.

6

If you are replacing the Toner Cartridge, it is recommended to clean the Printer Roller to maintain good printing quality. To clean the Printer Roller, follow the procedure on page 142.

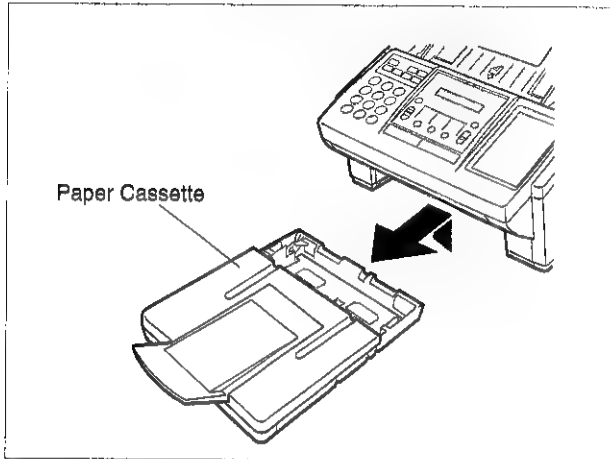
► Loading the Recording Paper

Paper Specifications

In general, most bond papers will produce excellent results. Most photocopy papers will also work very well. There are many "name" and "generic" brands of paper available. We recommend that you test various papers until you obtain the results you are looking for. For detailed recommended paper specifications, see page 150.

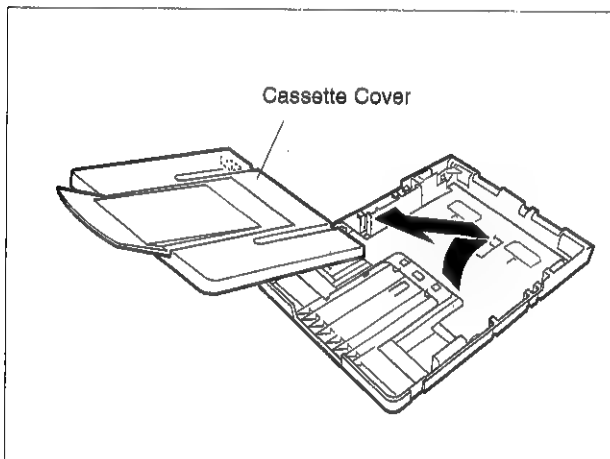
How to Load the Recording Paper

1



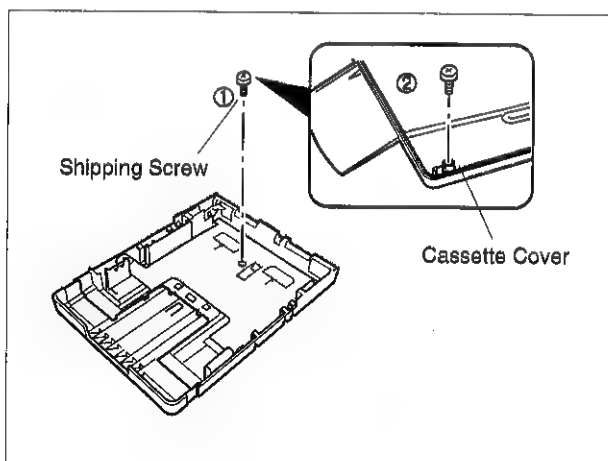
Lift up the Paper Cassette slightly and slide it out from the machine.

2



Remove the Paper Cassette Cover.

3

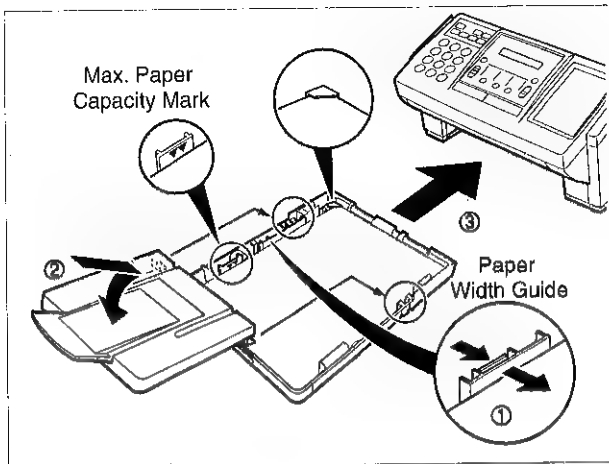


(1) Remove the Shipping Screw securing the Pressure Plate.

(2) Store the screw by attaching it to the post provided under the Paper Cassette Cover for future use.

Loading the Recording Paper

4



- (1) Load the paper into the Paper Cassette. Slide the paper width guide to the left until it lightly touches the stack of paper without bending the paper. The paper must fit squarely and firmly between the Paper Width Guide and the right side of tray. If it does not, the paper may feed into the printer incorrectly resulting in a paper jam.

Caution: Make sure that the paper is set under the metal Paper Separation Clips and that it does not exceed the Maximum Paper Capacity Mark. You can load about 250 sheets (75 g/m² weight). For paper specification, see page 150.

- (2) Re-install the Paper Cassette Cover.
(3) Slide the Paper Cassette into the machine.

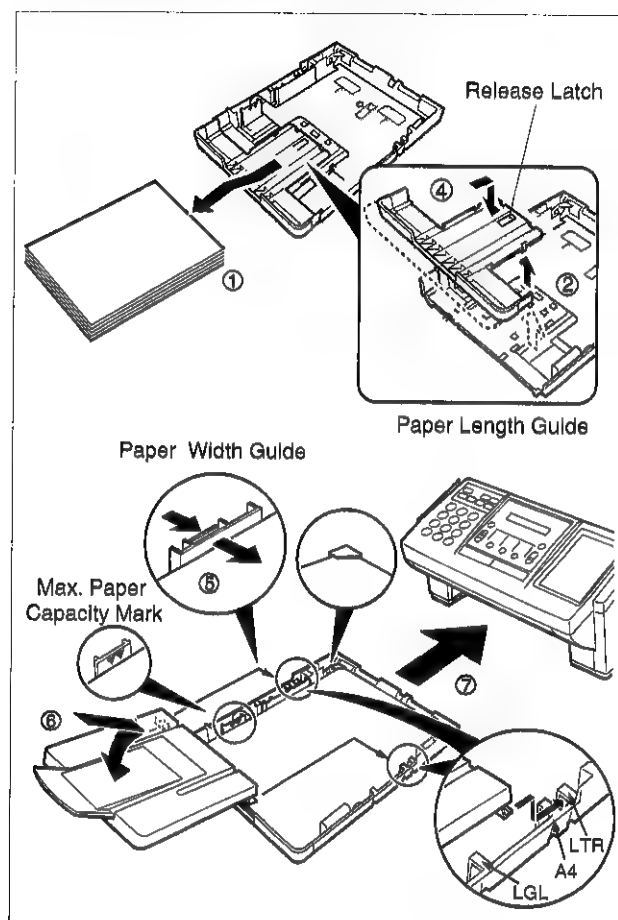
2

▶ Adjusting the Paper Cassette for the Paper Length

How to Adjust the Paper Cassette for the Paper Length

The factory default Paper Length setting for the Paper Cassette is on A4 size. To change the paper length to Letter or Legal size, follow the steps below.

1



- (1) Remove the paper from the Paper Cassette and place the cassette upside down on a flat surface.
- (2) While pushing down on the release latch, pull out the Paper Length Guide.
- (3) Turn the Paper Cassette upright.
- (4) Insert the Paper Length Guide hooks into the appropriate paper length slots (Letter or Legal) and slide the guide towards the back of the cassette until it locks in place.
- (5) Load the paper into the Paper Cassette. Slide the paper width guide to the left until it lightly touches the stack of paper without bending the paper. The paper must fit squarely and firmly between the Paper Width Guide and the right side of tray. If it does not, the paper may feed into the printer incorrectly resulting in a paper jam.

Caution: Make sure that the paper is set under the metal Paper Separation Clips and that it does not exceed the Maximum Paper Capacity Mark. You can load about 250 sheets (75 g/m² weight). For paper specification, see page 150.

- (6) Replace the Paper Cassette Cover to the appropriate paper position (A4, LTR or LGL).
- (7) Slide the Paper Cassette into the machine.

2 The Recording Paper Size setting of the Fax Parameter No. 23 must match the paper loaded in the cassette. If you change the Recording Paper Size, please change the setting accordingly.
(See page 36)



Note:

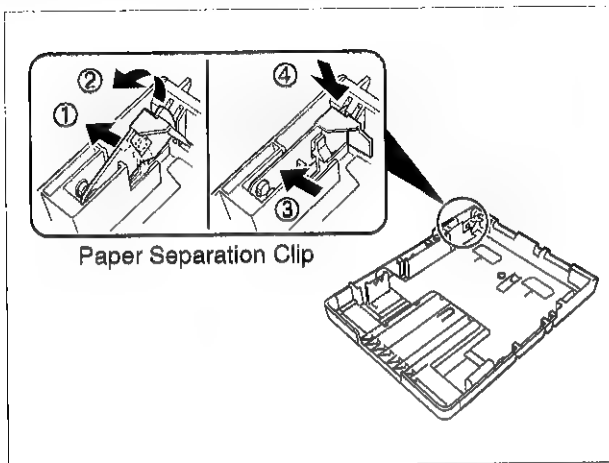
1. If you forget to change the Recording Paper Size setting in Fax Parameter No. 23 when different paper is installed in the cassette, the unit will Stop printing after the 1st page of an Incoming Fax and display a "PAPER SIZE MISMATCH" error. Then, the Recording Paper Size setting automatically adjusts to the proper size and the unit resumes printing the Incoming Fax from the 1st page.

Adjusting the Paper Cassette for the Paper Width

How to Adjust the Paper Cassette for the Paper Width

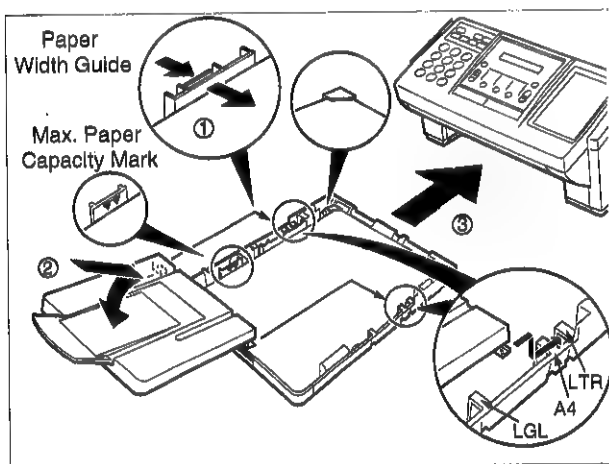
The factory default Paper Width setting for the Paper Cassette is on A4 size. To change the paper width to Letter/Legal size, follow the steps below.

1



- (1) Release the left Paper Separation Clip latch.
- (2) Pull up the Paper Separation Clip to remove it.
- (3) Reposition the Paper Separation Clip into the LTR/LGL slot.
- (4) Swing the Paper Separation Clip downward to latch it in place.

2



- (1) Load the paper into the Paper Cassette. Slide the paper width guide to the left until it lightly touches the stack of paper without bending the paper. The paper must fit squarely and firmly between the Paper Width Guide and the right side of tray. If it does not, the paper may feed into the printer incorrectly resulting in a paper jam.

Caution: Make sure that the paper is set under the metal Paper Separation Clips and that it does not exceed the Maximum Paper Capacity Mark. You can load about 250 sheets (75 g/m² weight). For paper specification, see page 148.

- (2) Replace the Paper Cassette Cover to the appropriate paper position (A4, LTR or LGL).
- (3) Slide the Paper Cassette into the machine.

3

The Recording Paper Size setting of the Fax Parameter No. 23 must match the paper loaded in the cassette. If you change the Recording Paper Size, please change the setting accordingly. (See page 36)

! Note:

1. If you forget to change the Recording Paper Size setting in Fax Parameter No. 23 when different paper is installed in the cassette, the unit will Stop printing after the 1st page of an Incoming Fax and display "PAPER SIZE MISMATCH" error. Then, the Recording Paper Size setting automatically adjusts to the proper size and the unit resumes printing the Incoming Fax from the 1st page.

▶ Connecting the Telephone Line Cable and Power Cord

WARNING FOR FLEXIBLE CORD

If the fitted moulded plug is unsuitable for the socket outlet in your home then the fuse should be removed and the plug cut off and disposed of safely.

There is a danger of several electrical shock if the cut off plug is inserted into a live socket outlet. If a new plug is to be fitted please observe the wiring code as below. If in any doubt please consult a qualified electrician.

Use a fuse as approved by ASTA or BSI to BS1362.

Always replace the fuse cover, never use the plug with the fuse cover omitted.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code.

Green or Green & Yellow = Earth.

Blue = Neutral. Brown = Live.

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug. Proceed as follows.

The wire which is coloured green or green & yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol \perp or coloured green or green & yellow.

The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black or blue.

The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red or brown.

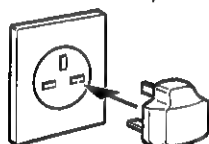
■ Power Cord

Plug one end of the power cord into an ordinary AC outlet and the other end into the receptacle on the rear of the machine.

Warning : This apparatus must be properly grounded through an ordinary AC outlet.

Do not break off the earth (ground) prong to fit a 2 prong outlet.

(230/240 VAC/ 50Hz)

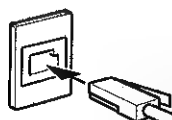


Power Cord (Included)

■ Telephone Line Cable

Plug one end of the telephone line cable into the telephone jack supplied by the telephone company and the other end into the LINE jack on the Rear of the machine

(TNY)



Telephone Line Cable (Included)

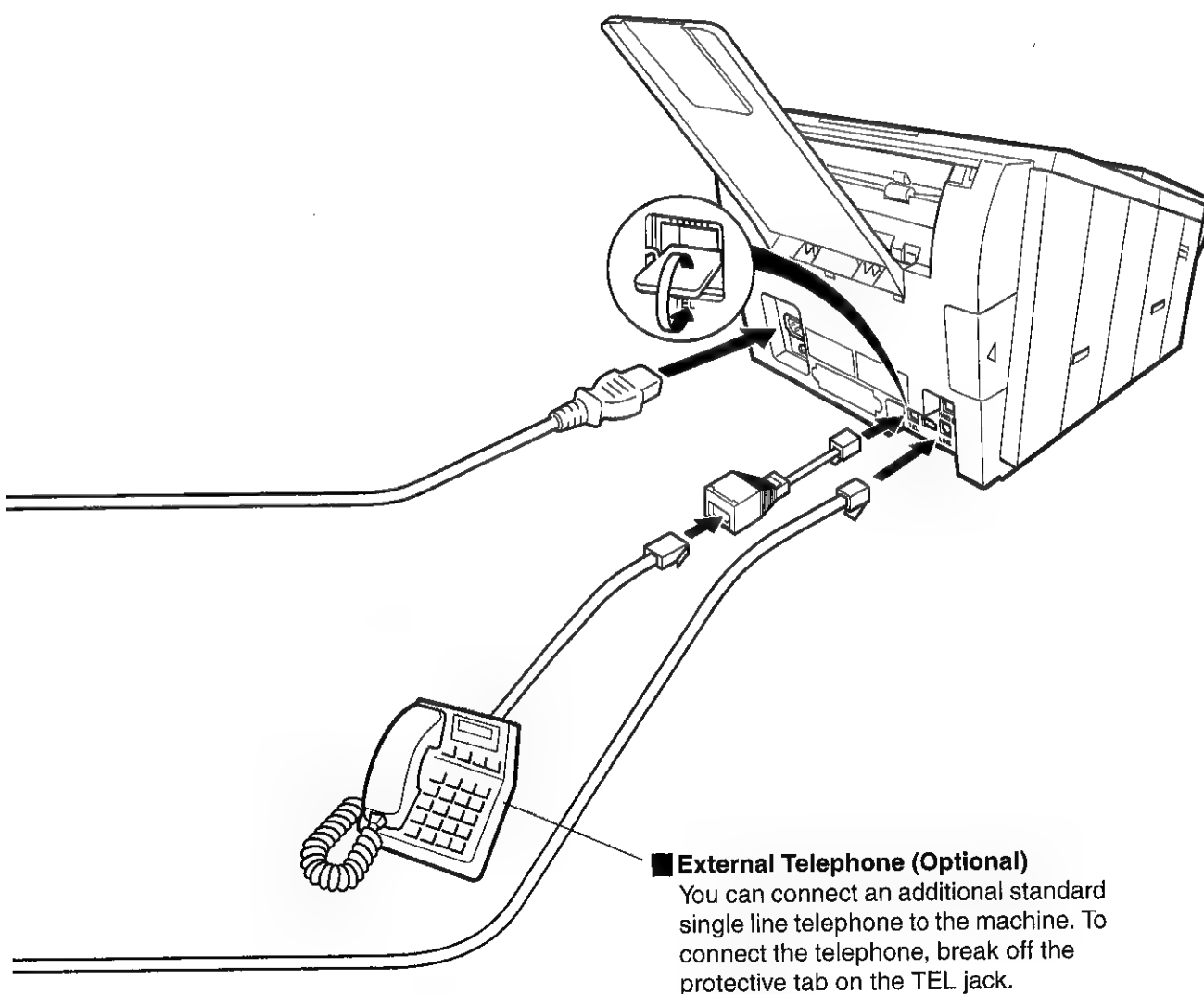


Note:

1. Your machine uses little power and you should keep it ON at all times. If the power is turned OFF for too long, the clock contents may be lost.

Connecting the Telephone Line Cable and Power Cord ◀

2

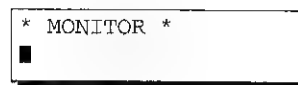


▶ Adjusting the Volume

You can adjust the monitor and ringer volume on your machine. The built-in speaker enables you to hear the dial tone, dialling signals, and busy tone. The ringer sounds when your machine receives a call.

Setting the Monitor Volume

1



You will hear the dial tone through the speaker.

2



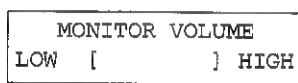
repeatedly to raise the volume.



or



repeatedly to lower the volume.



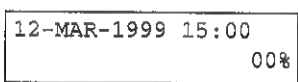
3



Setting the Ringer Volume

1

Standby



2



repeatedly to raise the volume.



or



repeatedly to lower the volume.



3



! Note:

1. You can also adjust the volume of the key touch tone and the volume of the buzzer in the Fax Parameter No. 10 (KEY/BUZZER VOLUME). (See page 35)

User Parameters

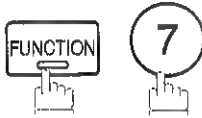
Your facsimile machine has several basic settings (User Parameters) to help you keep records of the documents you send or receive. For example, the built-in clock keeps the current date and time, and your LOGO and ID Number help to identify you when you send or receive documents.

2

Setting the Date and Time

At standby the display will show the date and time. Once the standby display is set, it will automatically be updated.

1



SET MODE (1-6)
ENTER NO. OR V ^

2



1:USER PARAMETERS?
PRESS SET TO SELECT

3



DATE & TIME
■1-01-1999 00:00

4

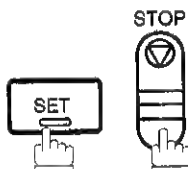
Enter the new date and time.

Ex: ① ② Date : 12th
① ③ Month : March
① ⑨ ⑨ ⑨ Year : 1999
① ⑤ ① ① Time : 3:00 PM

DATE & TIME
12-03-1999 15:00

If you make a mistake, use ◀ or ▶ to move the cursor over the incorrect number, then overwrite it with a correct one.

5



► User Parameters

Setting Your LOGO

When you send a document, your LOGO appears on the top of the copy printed out at the other station.

The LOGO helps to identify you to someone who receives your document.

1



SET MODE (1-6)
ENTER NO. OR V ^

2



1:USER PARAMETERS?
PRESS SET TO SELECT

3



repeatedly until display shows;

LOGO

4

Enter your LOGO (max. 25 characters and digits) by using the Character keys (See page 13).

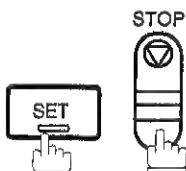
Ex: P A N A S O N I C

LOGO
PANASONIC

If you make a mistake, use ◀ or ▶ to move the cursor beyond the incorrect character, press CLEAR then re-enter the new character.

If more than 19 characters are entered, the left side characters will scroll off the display.

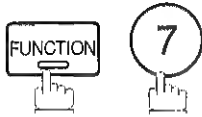
5



Setting Your Character ID

If the remote machine has a Character ID capabilities, when you are sending or receiving, your Character ID will appear on the remote machine's display and the remote machine's Character ID will appear on your display.

1



SET MODE (1-6)
ENTER NO. OR V ^

2



1:USER PARAMETERS?
PRESS SET TO SELECT

3



repeatedly until display shows;

CHARACTER ID
■

4

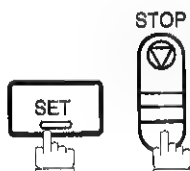
Enter your Character ID (max. 16 characters and digits) by using the Character keys (See page 13).

Ex: H E A D SPACE O F F I C E

CHARACTER ID
HEAD OFFICE■

If you make a mistake, use ◀ or ▶ to move the cursor beyond the incorrect character, press CLEAR then re-enter the new character.

5



Note:

1. The special characters of Å, Ä, Ö, Ü, Æ, è and é cannot be used for Character ID.

► User Parameters

Setting Your ID Number (Fax Telephone Number)

If the remote machine does not have a Character ID but it has an ID Number, when sending or receiving, your ID Number will appear on the remote machine's display and their ID Number will appear on your display.

We suggest you use your facsimile telephone number as your ID number. (max. 20 digits)

1



SET MODE (1-6)
ENTER NO. OR V ^

2



1:USER PARAMETERS?
PRESS SET TO SELECT

3



repeatedly until display shows;

ID NO.
■

4

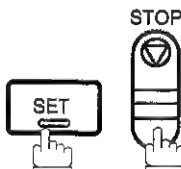
Enter your ID (max. 20 digits) by using the key pad and **SPACE**.

Ex: ② ① ① **SPACE** ⑤ ⑤ ⑤
SPACE ① ② ① ②

ID NO.
201 555 1212■

If you make a mistake, use ◀ or ▶ to move the cursor beyond the incorrect number, press **CLEAR** then re-enter the new number.

5



Note:

- You may use * to enter a "+" character at the beginning of the ID number to indicate the following digit(s) for your country code.

Ex :+1 201 555 1212 +1 for U.S.A. country code.
+81 3 111 2345 +81 for Japan country code.

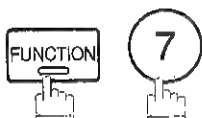
One-Touch/Abbreviated Dialling Numbers

Entering One-Touch/Abbreviated Dialling Numbers

One-Touch and Abbreviated Dialling are two fast ways of dialling full telephone numbers. To use these dialling methods, you must first store the telephone number using the following procedure.

To enter ■ One-Touch key, follow the steps below

1



SET MODE (1-6)
ENTER NO. OR V ^

2



1:ONE-TOUCH
2:ABBR NO.

3



ONE-TOUCH< >
PRESS ONE-TCH OR V ^

4

Ex: 01

<01>
ENTER TEL. NO.

5

Enter the telephone number
(up to 36 digits including pauses and spaces).

Ex: 9 PAUSE 5 5 5 SPACE 1 2 3 4

<01>
9-555 1234

6



<01> ENTER NAME
9-555 1234

7

Enter the station name using character keys
(up to 15 characters).

Ex: S A L E S SPACE D E P T

<01> SALES DEPT
9-555 1234

8



ONE-TOUCH< >
PRESS ONE-TCH OR V ^

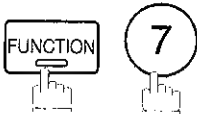
To record another number, repeat step 4 to 8.
To return to standby, press STOP.

3


► One-Touch/Abbreviated Dialling Numbers

To set an Abbreviated Dialling Number, follow the steps below


- 1**



SET MODE (1-6)
ENTER NO. OR V ^
- 2**



1: ONE-TOUCH
2: ABBR NO.
- 3**



ABBR. []
ENTER NO. OR V ^
- 4**


Ex: ① ② ② (001 to 072)

[022]
ENTER TEL. NO.
- 5**

Enter the telephone number
(up to 36 digits including pauses and spaces).

Ex: ⑨ [PAUSE] ⑤ ⑤ ⑤ [SPACE] ② ③ ④ ⑤

[022]
9-555 2345
- 6**




[022] ENTER NAME
9-555 2345
- 7**

Enter the station name using character keys
(up to 15 characters).

Ex: A C C O U N T I N G

[022] ACCOUNTING
9-555 2345
- 8**



ABBR. []
ENTER NO. OR V ^

To record another number, repeat step 4 to 8.
To return to standby, press [STOP].

! Note:

1. If you require a special access number to get an outside line, enter it first and then press [PAUSE].
A hyphen "-" is displayed for pause.
2. Use [SPACE] or [MONITOR] to enter a space between the numbers to make it easier to read.
3. You can search for an unused One-Touch key or ABBR number by pressing ▼ or ▲ in step 3 or 4.

One-Touch/Abbreviated Dialling Numbers ◀

Changing or Erasing One-Touch/Abbreviated Dialling Numbers

If you have to change or erase any of the One-Touch/Abbreviated dialling numbers, follow the steps below.

To change the settings of a One-Touch/ABBR dialling number

1



1:ONE-TOUCH
2:ABBR NO.

2

Select ① for One-Touch Dialling number
Select ② for ABBR Dialling Number

ONE-TOUCH< >
PRESS ONE-TCH OR ∨ ^

Ex: ①

3

Enter the station you wish to change.

Ex: 01

<01> SALES DEPT
9-555 1234

4



then enter a new telephone number. (See Note 1)

Ex: ⑨ PAUSE ⑤ ⑤ ⑤ SPACE ③ ④ ⑤ ⑥

<01> SALES DEPT
ENTER TEL. NO.

<01> SALES DEPT
9-555 3456

5



<01> SALES DEPT
9-555 3456

6



then enter a new station name. (See Note 1)

Ex: P A N A F A X

<01> ENTER NAME
9-555 3456

<01> PANAFAX
9-555 3456

7



To return to standby, press STOP.

ONE-TOUCH< >
PRESS ONE-TCH OR ∨ ^

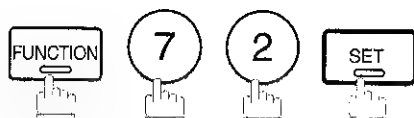
! Note:

1. If you make a mistake, use ◀ or ▶ to move the cursor beyond the incorrect number, press CLEAR then re-enter the new number.
2. If the One-Touch/Abbreviated dialling number has been used for a communication reservation, the settings cannot be changed or erased until the communication has finished.
To change or erase the settings, cancel the communication first by Edit File Mode. (See page 80)

► One-Touch/Abbreviated Dialling Numbers

To erase the settings of One-Touch/ABBR Dialling number

1



1:ONE-TOUCH
2:ABBR NO.

2

Select ① for One-Touch Dialling number
Select ② for ABBR Dialling Number

Ex: ①

ONE-TOUCH< >
PRESS ONE-TCH OR ∇∧

3

Enter the station you wish to erase.

Ex: 01

<01> SALES DEPT
9-555 1234

4



<01> SALES DEPT
ENTER TEL. NO.

5



ONE-TOUCH< >
PRESS ONE-TCH OR ∇∧

To return to standby, press **STOP**.



Note:

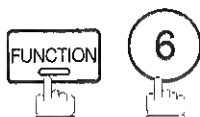
1. If the One-Touch/Abbreviated dialling number has been used for a communication reservation, the settings cannot be changed or erased until the communication has finished.
To change or erase the settings, cancel the communication first by Edit File Mode. (See page 80)

One-Touch/Abbreviated Dialling Numbers

Printing Out a Directory Sheet

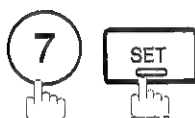
After programming a one-touch dialling number, you can print out the directory sheet which includes the first 12 characters of each station name. Cut along the dotted line and place it over the One-Touch key under the Directory Sheet Cover. To print out a directory sheet, follow the steps below.

1



PRINT OUT (1-7)
ENTER NO. OR V ^

2



* PRINTING *
DIRECTORY SHEET

Your machine prints out the directory sheet.

```

***** -DIRECTORY SHEET- ***** DATE 12-MAR-1999 ***** TIME 15:00 *****

```

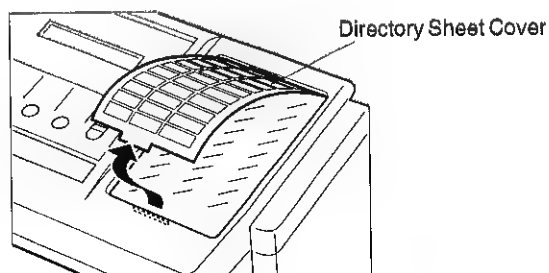
| | | |
|----|----|----|
| 01 | 02 | 03 |
| 04 | 05 | 06 |
| 07 | 08 | 09 |
| 10 | 11 | 12 |
| 13 | 14 | 15 |
| 16 | 17 | 18 |
| 19 | 20 | 21 |
| 22 | 23 | 24 |
| P1 | P2 | P3 |
| P4 | | |

----- dotted line ----- PANASONIC -----

```

***** -HEAD OFFICE - ***** - 201 555 1212- *****

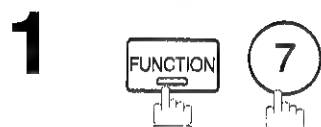
```



► Customizing Your Machine

Your facsimile machine has a variety of adjustable Fax Parameters. These parameters, listed in the Parameter Table, are preset for you and do not need to be changed. If you do want to make a change, read the table carefully. Some parameters, such as the Resolution, Contrast, and Verification Stamp parameters, can be temporarily changed by simple key operation just before a transmission is made. When the transmission ends, however, these parameters return to their preset values (Home position). Other parameters can only be changed by the procedure described below.

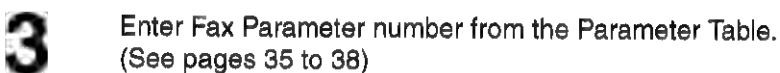
Setting the Fax Parameters



```
SET MODE      (1-6)
ENTER NO. OR v ^
```



```
FAX PARAMETER(01-99)
NO.=■
```



```
FAX PARAMETER(01-99)
NO.=01
```

Ex: ① ① for **CONTRAST**



```
01 CONTRAST
1:NORMAL
```



Ex: ② for **LIGHTER**

```
01 CONTRAST
2:LIGHTER
```



```
02 RESOLUTION
1:STANDARD
```

To set another parameter, press **CLEAR** to return to step 3 or press **STOP** to return to standby.



Note:

1. To scroll the Fax Parameters in Step 2 or 4, press ▼ or ▲.
2. To print out a Fax Parameter List, see page 131.
3. If you press ▼ or ▲ in step 5, the new setting will be canceled.

Customizing Your Machine

Fax Parameter Table

| No. | Parameter | Setting Number | Setting | Comments |
|-----|--------------------|----------------|--------------|---|
| 01 | CONTRAST | 1 | Normal | Setting the home position of the CONTRAST key. |
| | | 2 | Lighter | |
| | | 3 | Darker | |
| 02 | RESOLUTION | 1 | Standard | Setting the home position of the RESOLUTION key. |
| | | 2 | Fine | |
| | | 3 | S-Fine | |
| 04 | STAMP | 1 | Off | Setting the home position of the STAMP key. To select the stamp function when document is stored in memory, see Fax Parameter No. 28. |
| | | 2 | On | |
| 05 | MEMORY | 1 | Off | Setting the home position of the MEMORY key. |
| | | 2 | On | |
| 07 | HEADER PRINT | 1 | Inside | Selecting the printing position of the header. Inside : Inside TX copy area. Outside : Outside TX copy area. No print : Header is not printed. |
| | | 2 | Outside | |
| | | 3 | No print | |
| 08 | HEADER FORMAT | 1 | Logo, ID No. | Selecting the header format. |
| | | 2 | From To | |
| 09 | RCV'D TIME PRINT | 1 | Invalid | Selecting whether the machine prints the received date & time, remote ID, percentage of reduction and page number on the bottom of each received page. |
| | | 2 | Valid | |
| 10 | KEY/BUZZER VOLUME | 1 | Off | Selecting the volume of the Key/Buzzer tone. |
| | | 2 | Soft | |
| | | 3 | Loud | |
| 12 | COMM. JOURNAL | 1 | Off | Selecting the home position of printout mode for COMM. Journal Off/Always/INC. Off : No printout Always : Always prints out Inc. only : Printout when communication has failed. |
| | | 2 | Always | |
| | | 3 | Inc. only | |
| 13 | AUTO JOURNAL PRINT | 1 | Invalid | Selecting whether the machine prints the journal automatically after every 32 transactions. |
| | | 2 | Valid | |
| 15 | IN MODE | 1 | Tel | Selecting IN (attended) mode as either Telephone Mode or Fax / Tel Auto Switching Mode. |
| | | 2 | Fax/Tel SW | |
| 16 | OUT MODE | 1 | Fax | Selecting OUT (unattended) mode as either Fax Mode or TAM interface Mode. |
| | | 2 | TAM I/F | |

Continued on the next page.

► Customizing Your Machine

| No. | Parameter | Setting Number | Setting | Comments |
|-----|----------------------------|----------------|---------|--|
| 18 | OP CALL TIMER | 1 | 20 sec. | Selecting the length of time that your machine signals (rings) for an incoming voice call in Fax/Tel Auto Switching mode. (See page 62) |
| | | 2 | 30 sec. | |
| | | 3 | 40 sec. | |
| | | 4 | 50 sec. | |
| 19 | OGM LENGTH (TAM I/F) | 1 | 1 sec. | Setting the OGM length of your TAM from 1 to 60 second. Unit will not start to detect SILENT after detecting a call in TAM Interface mode until the time lapse. (Default = 20 sec.) |
| | | --- | --- | |
| | | 60 | 60 sec. | |
| 20 | SILENT DETECTION (TAM I/F) | 1 | Invalid | Selecting the Silent Detection Mode. |
| | | 2 | Valid | |
| 22 | SUBSTITUTE RCV | 1 | Invalid | Selecting whether the machine receives to memory when recording paper runs out, toner runs out or recording paper is jammed. |
| | | 2 | Valid | |
| 23 | RECORDING PAPER SIZE | 1 | A4 | Setting the recording paper size installed in your machine. |
| | | 2 | Letter | |
| | | 3 | Legal | |
| 24 | PRINT REDUCTION | 1 | Fixed | Selecting print reduction mode. Fixed : Reduce received document according to setting of Parameter No. 25. Auto : Reduce received document according to the length of received documents. |
| | | 2 | Auto | |
| 25 | REDUCTION RATIO | 70 | 70% | Selecting fixed print reduction ratio from 70% to 100%. This parameter functions only when fixed print reduction is selected on Fax Parameter No. 24. |
| | | --- | --- | |
| | | 100 | 100% | |
| 26 | POLLING PASSWORD | | (---) | Setting a 4-digit password for secured polling. (See page 71) |
| 27 | POLLED FILE SAVE | 1 | Invalid | Selecting whether the machine retains the polled document in memory even after the document is polled once. |
| | | 2 | Valid | |
| 28 | STAMP AT MEM. XMT | 1 | Invalid | Selecting whether the machine stamps the original documents when storing the documents into memory. (depending on the Stamp setting on the Control Panel) |
| | | 2 | Valid | |
| 31 | INCOMPLETE FILE SAVE | 1 | Invalid | Selecting whether the machine retains the document in memory if the document is not successfully transmitted. |
| | | 2 | Valid | |
| 32 | COPY REDUCTION | 1 | Manual | Selecting whether the machine performs the copy reduction ratio automatically or manually. Manual : The machine will prompt you for the Zoom ratio (100% to 70%) when making copies. Auto : The machine will automatically determine the reduction ratio according to the length of the original document. |
| | | 2 | Auto | |

Continued on the next page.

Customizing Your Machine

3

| No. | Parameter | Setting Number | Setting | Comments |
|-----|------------------------|----------------|--------------|--|
| 34 | ENERGY SAVER MODE | 1 | Off | <p>To reduce the power consumption in standby, select either Energy-Saver or Sleep mode and specify the Delay Time (1 to 120 minutes) for the machine to enter into the selected mode. The Delay Timer setting is only available in the Energy-Saver or Sleep Modes.</p> <p>Off : The unit will remain in standby mode and consume more energy than when in Energy-Saver or Sleep modes.</p> <p>Energy-Saver Mode : Saves energy by consuming less power than when in standby mode by turning off the fuser unit after the specified time.</p> <p>Sleep Mode : This is the lowest power state that the machine enters after the specified time without actually turning off.</p> |
| | | 2 | Energy-Saver | |
| | | 3 | Sleep | |
| 37 | RCV TO MEMORY | | (---- | Enter a 4-digit password used to print out the received document in memory by using F8-5 (RCV TO MEMORY). When F8-5 is set to On, this parameter will not be shown on the LCD display. (See page 90) |
| 38 | ACCESS CODE | | (---- | Enter a 4-digit Access Code to secure the machine from unauthorized use. (See page 88) |
| 40 | RELAY XMT REQUEST | 1 | Invalid | Selecting whether the machine accepts and performs Relay XMT Request. (See page 111) |
| | | 2 | Valid | |
| 42 | CONF. POLLED FILE SAVE | 1 | Invalid | Selecting whether the machine saves the confidential polled file even after the file is polled once. |
| | | 2 | Valid | |
| 43 | PASSWORD-XMT | 1 | Off | Setting a 4-digit XMT-Password and selecting whether the machine performs and checks the XMT-Password of the receiving station when transmitting. (See page 97) |
| | | 2 | On | |
| 44 | PASSWORD-RCV | 1 | Off | Setting a 4-digit RCV-Password and selecting whether the machine performs and checks the RCV-Password of the transmitting station when receiving. (See page 98) |
| | | 2 | On | |
| 46 | SELECT RCV | 1 | Invalid | Selecting whether the machine performs selective reception. (See page 95) |
| | | 2 | Valid | |
| 47 | REMOTE RECEPTION | 1 | Invalid | Selecting whether or not the machine accepts remote reception command. (See page 61) |
| | | 2 | Valid | |
| 52 | DIAGNOSTIC PASSWORD | | (---- | Setting the password for Remote Diagnostic Mode. Please ask your Panasonic Authorized Dealer for details. |
| 53 | SUB-ADDRESS PASSWORD | | (---- | Setting a 20-digit password for secured sub-address communication. |
| 54 | FAX FORWARD | 1 | Invalid | Selecting whether the machine performs Fax Forwarding to the specified destination. (See page 94) |
| | | 2 | Valid | |
| 56 | COVER SHEET | 1 | Off | Setting the home position of the Cover Sheet parameter in the Select Mode. (See page 92) |
| | | 2 | On | |

Continued on the next page.

► Customizing Your Machine

| No. | Parameter | Setting Number | Setting | Comments |
|-----|-------------------------------|----------------|---------|---|
| 58 | LANGUAGE | 1 | French | Selecting the language to be shown on the display and reports. |
| | | 2 | German | |
| | | 3 | English | |
| 65 | PRINT COLLATION | 1 | Invalid | Selecting whether the machine prints out documents in sequence. (See page 67) |
| | | 2 | Valid | |
| 99 | MEMORY SIZE (Flash Memory) | - | - | Displays the amount of base and optional memory installed. (Base Memory + Optional Memory) |



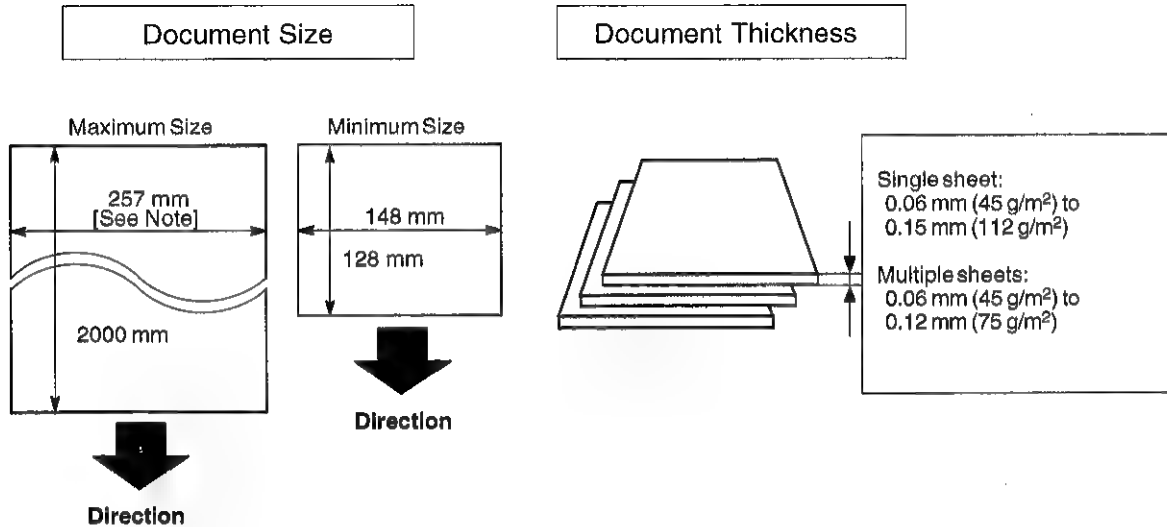
Note:

1. The standard settings are printed on the Fax Parameter List. To print out Fax Parameter List, see page 131.

Loading Documents

Documents You Can Send

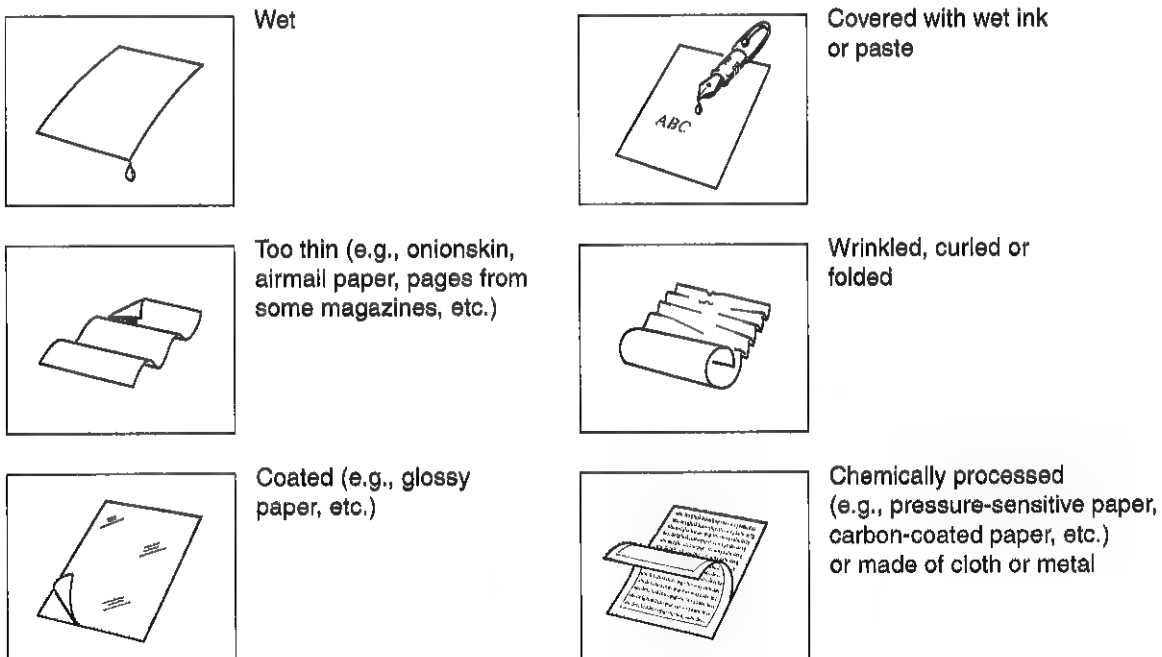
In general, your machine will send any document printed on A4 size paper.



Note: The maximum document width that can be sent through the machine is 257 mm. However, the effective scanning width is 208 mm.

Documents You Cannot Send

You must never try to send documents that are:



To transmit these kinds of documents, make a photocopy first and then transmit the copy instead.

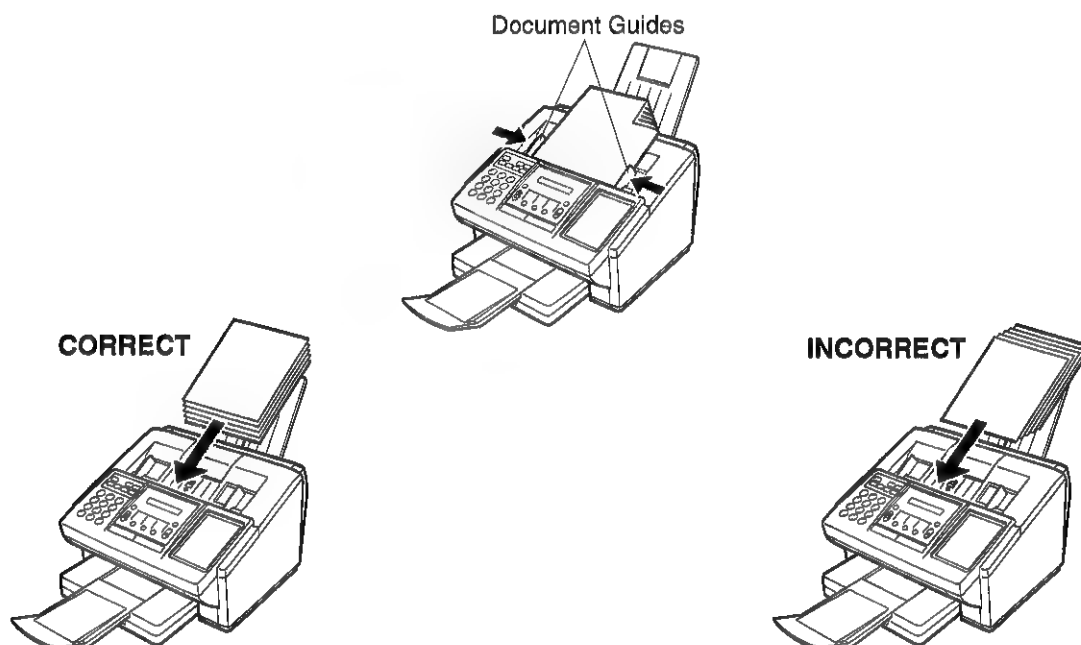
▶ Loading Documents

How to Load Documents

1. Be sure the document(s) is free of staples, paper clips and is not torn, greasy or covered by foreign objects.
2. Place the document(s) **FACE DOWN** on the Automatic Document Feeder (ADF) until the leading edge placed into the machine stops.

If you are sending multiple pages, make sure that **the bottom sheet enters first**. You can also stack **up to 30 PAGES** on the ADF at one time. If you have more than 30 pages, wait until transmission or storing in memory starts as pages feed through, place any remaining pages on top of the last page in the feeder.

3. Adjust the Document Guides to center the document on the ADF.



When you set a document on the ADF, the display message will change from date and time (standby) to the following message. You can now change basic transmission settings, or begin the dialling procedure.

ENTER STATION(S)
THEN PRESS START 00%



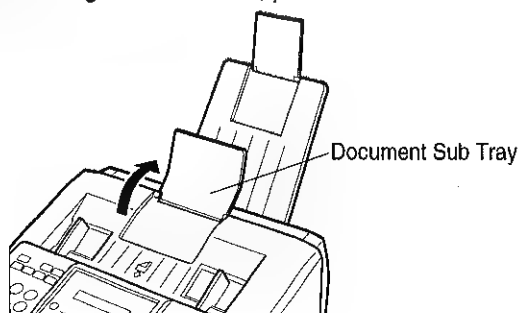
Note:

1. The document limitation to send multiple pages is as follows.

| | Document Size | Document Thickness |
|-----------------|---------------------|--------------------|
| Up to 20 pages | Up to 257mm X 364mm | 0.06mm to 0.12mm |
| Up to 30 pages* | A4 size | 0.06mm to 0.10mm |

* Please note that although the size and thickness meets the specifications, you might not be able to set 30 pages with some types of papers.

2. Transmitting documents longer than 356 mm requires user's assistance.
3. When transmitting documents longer than A4 size, please extend the Document Sub Tray as shown below.



Basic Transmission Settings

You can temporarily change the transmission settings either before or after you place the document on the ADF. These settings are as follows;

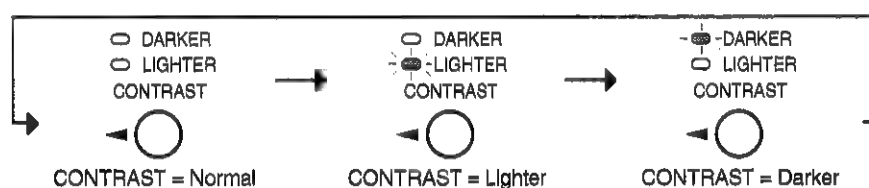
- Contrast
- Resolution
- Halftone
- Stamp
- Communication Journal

After your document has been sent, your machine will automatically return to the preset settings.

Contrast

Your machine is preset to **Normal** contrast. If you wish to send a document with lighter contrast, change the setting to **Lighter**. If you wish to send a document with darker contrast, change the setting to **Darker**.

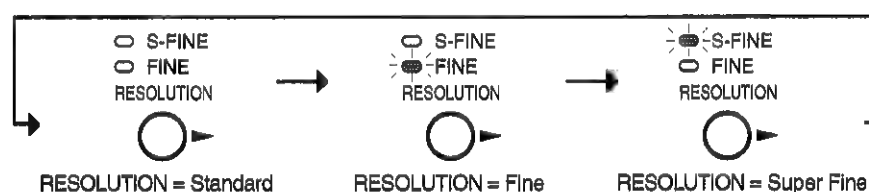
Press **CONTRAST** to:



Resolution

Your machine is preset to **Standard** resolution, which is suitable for most documents. Use **Fine** or **Super Fine** for detailed documents.

Press **RESOLUTION** to:



- Note:**
1. To change the preset Contrast position, change the setting of Fax Parameter No. 01. (See page 35)
 2. To change the preset Resolution position, change the setting of Fax Parameter No. 02. (See page 35)
 3. If you send a photographic document with Halftone set to Fast or Quality and the Resolution set to Super Fine (UF-585: 8 pels/mm x 15.4 lines/mm, UF-595: 16 pels/mm x 15.4 lines/mm), the reproduction of the received document will be determined by the capability of the remote station.

► Basic Transmission Settings

Halftone

The Halftone setting is useful when sending photographs or illustrations with gray tones. Your machine is preset to HALFTONE = Off. You can select either Fast or Quality mode.

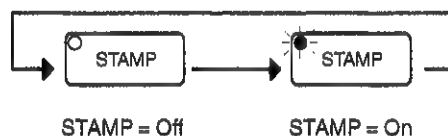
Press **HALFTONE** to:



Verification Stamp

The Verification Stamp helps you to confirm successful transmissions by stamping the bottom of each successfully transmitted page with a small ⊗ mark.

Press **STAMP** to:



! Note:

1. When you select HALFTONE, FAST or QUALITY, your machine will automatically select Fine Resolution.
2. When you store a document in memory, the Verification Stamp will stamp on the document if it is successfully stored in memory. In this case the Verification Stamp is not a confirmation that the document was successfully transmitted. If you wish to disable the use of the Verification Stamp when storing document in memory, change the setting of Fax Parameter No. 28. (See page 36)
3. To change the preset Verification Stamp position, change the setting of Fax Parameter No. 04. (See page 35)

Basic Transmission Settings ◀

Communication Journal (COMM. JOURNAL)

A Communication Journal lets you verify if the transmission was successful. You can select the condition to print out the Communication Journal as follows.

- | | |
|--|--|
| When you set COMM. JOURNAL = OFF : | a Communication Journal will not be printed out. |
| When you set COMM. JOURNAL = ON : | a Communication Journal is printed out automatically after every communication. |
| When you set COMM. JOURNAL = INC. : | a Communication Journal is printed out automatically only if the communication has failed. |

4
=

1



SELECT MODE (1-5)
ENTER NO. OR V ^

2



COMM. JOURNAL=INC
1:OFF 2:ON 3:INC

3



for "OFF".

or



for "ON" (Always print out).

or



for "INCOMPLETE" only.

COMM. JOURNAL=OFF
1:OFF 2:ON 3:INC

or

COMM. JOURNAL=ON
1:OFF 2:ON 3:INC

or

COMM. JOURNAL=INC
1:OFF 2:ON 3:INC

4



Note:

1. To change the preset Comm. Journal condition, change the setting of Fax Parameter No. 12. (See page 35)

► Sending Documents

You can choose either Memory or Direct Transmission.

Use Memory Transmission if:

- You want to send the document to multiple stations.
- You have to retrieve the document immediately.
- You want to take advantage of Dual Operation design.

Use Direct Transmission if:

- The memory is full.
- You want to send the document immediately.

Use Voice Mode Transmit if:

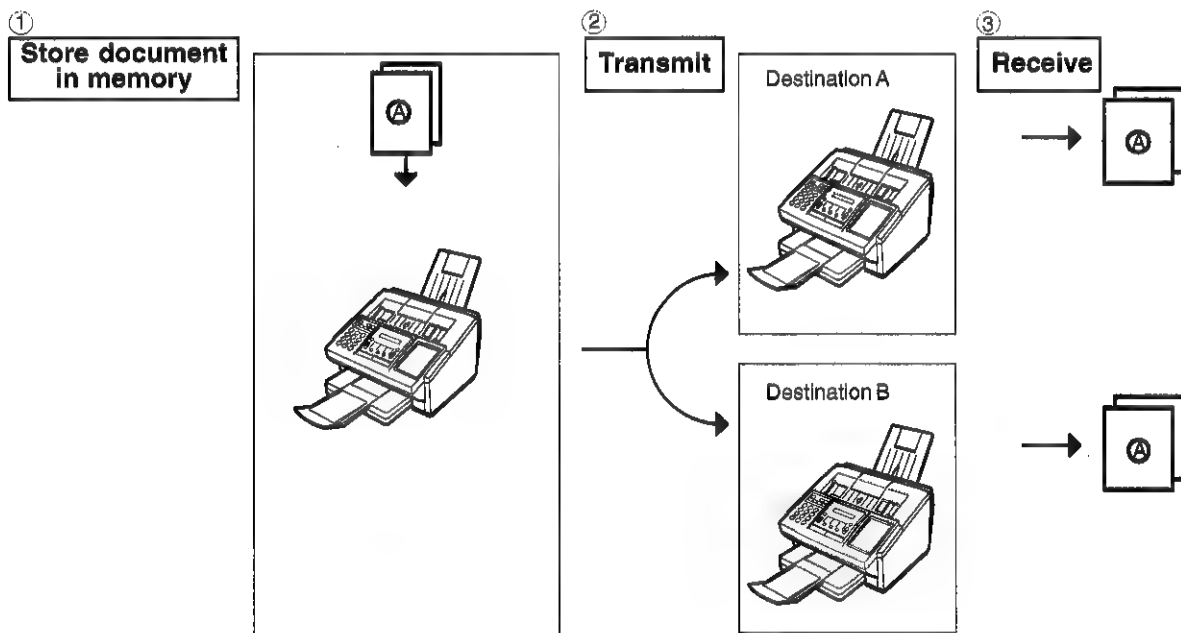
- You want to send the document after talking with the other party.
- You want to send the document after listening to a voice prompting.

Memory Transmission

Your machine quickly stores the document into the machine's memory.

Then, starts to dial the telephone number.

If the transmission fails, your machine will re-transmit the remaining unsuccessful page(s) automatically.



Sending Documents ◀

! Note:

1. The File Number of the document being stored is shown at the upper right corner of the display while storing the document. It is also printed on the Communication Journal (COMM. JOURNAL), Transaction Journal and File List. The percentage of memory used is shown on the lower right corner of the display after each page is stored.

```
* STORE *      NO.003
      PAGES=002  10%
```

```
* STORE * COMPLETED
TOTAL PAGES=005  30%
```

2. If memory overflow occurs while storing documents, the remaining documents on the ADF will be ejected. The machine prompts you whether to transmit the successfully stored documents or to cancel the transmission. Press ① to cancel or press ② to transmit.

```
MEMORY OVERFLOW
INFO. CODE=870
```

See the Specifications on page 148 for the image memory capacity.

If no action is taken within 10 seconds, the machine will start transmitting the stored documents.

```
15 PAGES COMPLETED
DELETE? 1:YES 2:NO
```

3. An Information Code will be displayed if the transmission has failed or no answer at the receiving side after the last automatic redial.

The document stored for this transmission will be erased from the memory automatically and the information code is printed for the transmission on the Communication Journal (COMM. JOURNAL).

If you need to retain the incomplete documents even after the last redial, change Fax Parameter No. 31 (INC. FILE SAVE) to "Valid" in advance. (See page 36) To retry the incomplete documents, refer to page 87.

```
INCOMPLETE
INFO. CODE=XXX
```

4. To stop the transmission, press **STOP**.

The display shows:

```
COMMUNICATION STOP ?
1:YES 2:NO
```

Press ① to stop the transmission. The document you stored will be erased automatically.

If you do not want to erase the documents, change the setting of Fax Parameter No. 31 (INC. FILE SAVE) to "Valid" in advance. (See page 36)

Then the following display will appear and you can select whether to save the file as an incomplete file for editing and retry, or delete the file manually.

```
SAVE AS INCOMP.FILE?
1:YES 2:NO
```

5. If you would like to print a Communication Journal (COMM. JOURNAL) after stopping a transmission, press ① when the display shows:

```
PRINT COMM. JOURNAL?
1:YES 2:NO
```

6. If the file memory capacity exceeds 10 files, the following display appears and the machine will not accept additional files until a file is completed and becomes available.

```
FILE STORAGE IS FULL
PLEASE WAIT!
```

► Sending Documents

Manual Number Dialling

To dial the telephone number manually, follow the steps below.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the MEMORY lamp is on.
If not, press **MEMORY** to set "On".

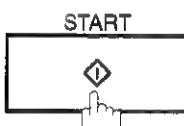
3

Enter a telephone number from the keypad.

Ex: ⑤ ⑤ ⑤ ① ② ③ ④

TEL. NO.
5551234■

4



The document is stored into memory with a file number.
Then starts to dial the telephone number.

* STORE * NO.002
PAGES=001 05%

* DIALLING * NO.002
5551234



Note:

1. If you need a special access number to get an outside line, dial it first then press **PAUSE** to enter a pause (represented by a "-") before dialling the full number.

Ex: 9 PAUSE 5551234

Sending Documents

One-Touch Dialling

One-Touch Dialling allows you to dial a full telephone number by pressing a single key. To set up the One-Touch keys, see page 29.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

4

2



Make sure that the MEMORY lamp is on.
If not, press **MEMORY** to set "On".

3

Press a One-Touch key.

Ex:

<01>(Station name)
5551234

4



* STORE * NO.002
PAGES=001 05%

The document is stored into memory with a file number.
Then starts to dial the telephone number.

* DIALLING * NO.002
(Station name)

► Sending Documents

Abbreviated Dialling

Abbreviated dialling is a speedy way to dial a frequently dialed telephone number by preprogramming the telephone number into the built-in auto-dialer with a 3-digit abbreviated code. To program an abbreviated dialling number, see page 30.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the MEMORY lamp is on.
If not, press **MEMORY** to set "On".

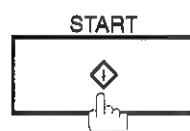
3

Press **ABBR** then enter a 3-digit code.

[010] (Station name)
5553456

Ex: **ABBR** 0 1 0

4



* STORE * NO.002
PAGES=001 05%

The document is stored into memory with a file number.
Then starts to dial the telephone number.

* DIALLING * NO.002
(Station name)

Sending Documents ◀

Directory Search Dialling

Directory Search dialling allows you to dial a full telephone number by searching the station name entered in One-Touch keys or Abbreviated dialling numbers.

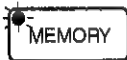
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the MEMORY lamp is on.
If not, press **MEMORY** to set "On".

3



ENTER LETTER(S)

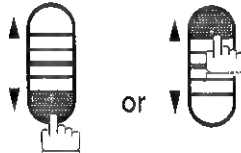
4

Enter the full station name or part of a station name by using the Character keys. (See page 13)

ENTER LETTER(S)
PANA

Ex: **P** **A** **N** **A** for searching **PANASONIC**

5

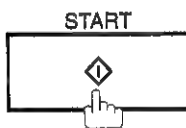


or

[010] PANASONIC
5553456

repeatedly until the display shows the station name you want to send to.

6



* STORE * NO.002
PAGES=001 05%

The document is stored into memory with a file number.
Then starts to dial the telephone number.

* DIALLING * NO.002
PANASONIC

4

▶ Sending Documents

Multi-Station Transmission (Broadcasting)

If you have to send the same document(s) to multiple stations, you can save time in feeding the document(s) by using memory transmission. That is, you can store the document(s) into memory and then send it to the station(s) automatically.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the MEMORY lamp is on.
If not, press **MEMORY** to set "On".

3

Dial by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling, press **SET** after each station is entered
(Up to 12 stations)
- Directory Search Dialling, press **SET** after each station is entered
(For details, see page 46 to 49.)

Ex:



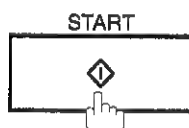
If you want to confirm the number of stations you have entered, press **SET**.

<01>(Station name)
5551234

[010](Station name)
5553456

2 STN(S) ARE SET
ADD MORE OR START

4



The document is stored into memory with a file number.
Then starts dialling the telephone numbers in sequence.

* STORE * NO.001
PAGES=001 01%

* STORE * COMPLETED
TOTAL PAGE=005 25%

* DIALLING * NO.001
(Station name)

! Note:

1. You can review the stations you entered in step 3 before storing your document into memory by pressing ▼ or ▲.
Press **CLEAR** to clear an entered station or group shown on the display if needed.

Sending Documents

Direct Transmission

If your machine's memory is full or you wish to send the document immediately, use Direct Transmission.

Manual Number Dialling (Direct Transmission)

To dial the telephone number manually, follow the steps below.

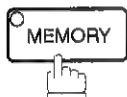
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the lamp goes off.

ENTER STATION
00%

3

Enter a telephone number from the keypad.

Ex: ⑤ ⑤ ⑤ ① ② ③ ④

PRESS START TO DIAL
5551234

4



Your machine starts to dial the telephone number.

* DIALLING *
5551234

! Note:

1. If you need a special access number to get an outside line, dial it first then press **PAUSE** to enter a pause (represented by a "-") before dialling the full number.
Ex: 9 PAUSE 5551234
2. To stop the transmission, press **STOP**.
The display shows:

COMMUNICATION STOP ?
1: YES 2: NO

Press ① to stop the transmission. The Communication Journal will not print out regardless of the printout mode setting of the Communication Journal.

4
=

► Sending Documents

One-Touch Dialling (Direct Transmission)

One-Touch Dialling allows you to dial a full telephone number by pressing a single key. To set up the One-Touch keys, see page 29.

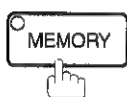
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the lamp goes off.

ENTER STATION
00%

3

Press a One-Touch key.

Ex:

The display will show the One-Touch number and station name. The full number (e.g. 5551234) will then be dialed.

<01>(Station name)
5551234

* DIALLING *
(Station name)

Sending Documents ◀

Abbreviated Dialling (Direct Transmission)

Abbreviated dialling is a speedy way to dial a frequently dialed telephone number by preprogramming the telephone number into the built-in auto-dialer with a 3-digit abbreviated code. To program an abbreviated dialling number, see page 30.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

4

2



Make sure that the lamp goes off.

ENTER STATION
00%

3

Press **ABBR** and a 3-digit code.

Ex:



[010] (Station name)
5553456

The display will show the ABBR number and station name.
The full number (e.g. 5553456) will then be dialed.

* DIALLING *
(Station name)

► Sending Documents

Directory Search Dialling (Direct Transmission)

Directory Search dialling allows you to dial a full telephone number by searching the station name entered in One-Touch keys or Abbreviated dialling numbers.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



Make sure that the lamp goes off.

ENTER STATION 00%

3



ENTER LETTER(S)
■

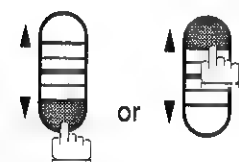
4

Enter the full station name or part of a station name by using the Character keys. (See page 13)

ENTER LETTER(S)
PANA■

Ex: **P** **A** **N** **A** for searching **PANASONIC**

5



repeatedly until display shows the station name you want to send to.

[010] PANASONIC
5553456

6



The full number (e.g. 5553456) will be dialed.

* DIALLING *
PANASONIC

Voice Mode Transmission

If you wish to send the document after talking with other party, use Voice Mode Transmission. Your machine requires an external telephone.

Off-Hook Dialling

For Off-Hook Dialling, follow the steps below.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2

Lift the fax handset or the external telephone and dial the telephone number from the keypad.

Ex: ⑤ ⑤ ⑤ ① ② ③ ④

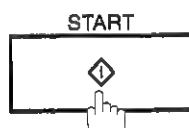
* PHONE OFF HOOK *

* DIALLING *
5551234■

3

When you hear the voice of the other party, tell the other party to prepare to receive a document.

Then, when you hear a beep,



and hang up the handset.

ON LINE * XMT *

! Note:

- To stop the transmission, press **STOP**.

The display shows:

COMMUNICATION STOP ?
1: YES 2: NO

Press **1** to stop the transmission. The Communication Journal will not print out regardless of the printout mode setting of the Communication Journal.

► Sending Documents

On-Hook Dialling

For On-Hook Dialling, follow the steps below.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



You will hear dial tone through the monitor speaker.

* MONITOR *

3

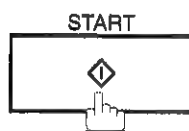
Dial the telephone number from the keypad.

Ex: (5) (5) (5) (1) (2) (3) (4)

* DIALLING *
5551234■

4

When you hear a beep,



ON LINE * XMT *



Note:

1. If you need a special access number to get an outside line, dial it first then press **PAUSE** to enter a pause (represented by a "-") before dialling the full number.

Ex: 9 PAUSE 5551234

Transmission Reservation

You can do the following while sending a document from memory or receiving a document.

- Reserve the next transmission into memory for up to 10 different files.
- Reserve a priority transmission.

Memory Transmission Reservation (Multi-tasking)

If your machine is on-line busy transmitting from memory, receiving or printing received documents, you can reserve a transmission by the following procedure.

- 1 Your machine is on-line, the ON LINE lamp is blinking or printing received documents.

```
ON LINE * MEM.XMT *
ID: (Identification)
```

```
ON LINE * RCV *
ID: (Identification)
```

```
ON LINE
PC MODE
```

```
* PRINTING *
MEMORY RCV'D DOC
```

```
ENTER STATION(S)
THEN PRESS START 00%
```

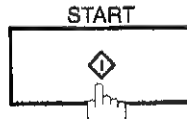
- 2  Set document(s) face down.

- 3  MEMORY

Make sure that the MEMORY lamp is on.
If not, press **MEMORY** to set "On".

- 4 Dial by any combination of the following methods:
 - One-Touch Dialling
 - Abbreviated Dialling
 - Manual Number Dialling, press **SET** after each station is entered (Up to 12 stations)
 - Directory Search Dialling, press **SET** after each station is entered (For details, see page 46 to 49.)

Ex:

- 5 

Your machine will store the document(s) into memory.

```
<01> (Station name)
5551234
```

```
* STORE *      NO.005
      PAGES=001 01%
```

```
* STORE * COMPLETED
TOTAL PAGES=005 25%
```



Note:

1. To cancel the memory transmission reservation, see page 84.

► Sending Documents

Direct Transmission Reservation (Priority Transmission Reservation)

If you are in a rush to send an urgent document, however there are many files in the memory, use Direct Transmission Reservation to send the urgent document. The urgent document will be sent immediately after the current communication is finished.

Note that you cannot send documents to multiple stations.

To reserve your machine for sending the urgent documents

- 1 Your machine is on-line, the ON LINE lamp is blinking or printing received documents.

```
ON LINE * MEM.XMT *
ID: (Identification)
```

```
ON LINE * RCV *
ID: (Identification)
```

```
ON LINE
PC MODE
```

```
* PRINTING *
MEMORY RCV'D DOC
```

```
ENTER STATION(S)
THEN PRESS START 00%
```

2



Set document(s) face down.

3



Make sure that the lamp goes off.

```
ENTER STATION          00%
```

4

Dial by using any one of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling and press **START**
- Directory Search Dialling and press **START**
(For details, see pages 51 to 54.)

Ex:

You can reserve sending an urgent document to a single station only.

A message "DIRECT XMT RESERVED" will be shown on the display.

```
<01>(Station name)
5551234
```

```
DIRECT XMT RESERVED
<01>(Station name)
```

To cancel the direct transmission reservation

- 1 Make sure the document is on the ADF.

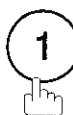
```
DIRECT XMT RESERVED
<01>(Station name)
```

2



```
CANCEL XMT RESERVE ?
1:YES 2:NO
```

3



and then remove the document from ADF.

Redialling

Automatic Redialling

If a busy line is detected, the machine will redial the number up to 5 times at 3 minutes interval. However, if a busy line is not detected, the machine will redial only one time. During that time, a message will appear as shown to the right.
A file number is shown in the upper right hand corner of the display if it is a memory transmission file.

WAIT TO DIAL NO.001
 <01>(Station name)

Manual Redialling

You can also redial the last dialed number manually by pressing **REDIAL** key.

To redial the last dialed number through memory

1



Set document(s) face down.
Make sure that the MEMORY lamp is on.

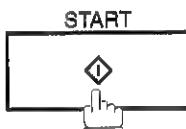
ENTER STATION(S)
 THEN PRESS START 00%

2



TEL. NO.
 5551234

3



The document is stored into memory with a file number.
Then dials the last dialed number.

* STORE * NO.002
 PAGES=001 01%

* DIALLING * NO.002
 5551234

To redial the last dialed number through ADF

1



Set document(s) face down.

ENTER STATION(S)
 THEN PRESS START 00%

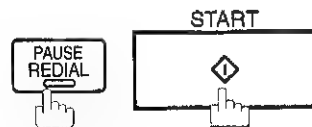
2



Make sure that the lamp goes off.

ENTER STATION
 00%

3



Your machine starts to dial the last dialed number.

PRESS START TO DIAL
 5551234

* DIALLING *
 5551234

! Note:

1. While the unit is displaying "WAIT TO DIAL", you can press **REDIAL** to start redialling immediately.

► Receiving Documents

Reception Modes

You can select one of the four modes as shown below.

| Conditions | Suggested Reception Mode | Settings |
|---|--|--|
| You normally receive only voice calls. | <u>Telephone Mode</u> (IN Mode) You can answer the incoming call via an External Telephone (Optional). If you receive a fax calling signal, simply press START to receive manually. (See page 61) | 1. Fax Parameter No. 15 set to 1 : Tel 2. Press the OUT button, the following LCD appears: <div>12-MAR-1999 15:00 RCV MODE=TEL 00%</div> |
| You receive both voice and fax calls. | <u>Fax / Tel Auto Switching Mode</u> (IN Mode) Unit will answer the incoming call then distinguishes whether it is voice or fax call. If it is a fax call, the unit will receive automatically. If it is a voice call, the unit will signal (ring) through the speaker for your attention. (See page 62) | 1. Fax Parameter No. 15 set to 2 : Fax / Tel SW. 2. Press the OUT button, the following LCD appears: <div>12-MAR-1999 15:00 RCV MODE=FAX/TEL 00%</div> |
| You normally receive fax calls only. | <u>Fax Mode</u> (OUT Mode) Unit will receive the document automatically. All incoming calls (including a voice call) are answered by the fax machine. (See page 63) | 1. Fax Parameter No. 16 set to 1 : Fax 2. Press the OUT button, the following LCD appears: <div>12-MAR-1999 15:00 00%</div> |
| You receive both voice and fax calls. And a Telephone Answering Machine (TAM) is connected. | <u>TAM Interface Mode</u> (OUT Mode) The TAM answers the incoming call. During that time, the unit also monitors whether it is a voice call, the TAM continues to operate. If it is a fax call, the unit will automatically switch the line to the Fax and begin receiving document. (See page 64) | 1. Fax Parameter No. 16 set to 2 : TAM I/F. 2. Press the OUT button, the following LCD appears: <div>12-MAR-1999 15:00 RCV MODE=FAX/TAM 00%</div> |



Note:

1. Depending on the model of the Telephone Answering Machine (TAM) that is connected, some of the features may not be compatible with your fax machine operating in the TAM Interface mode.

Receiving Documents ◀

Telephone Mode

When your machine is set to this mode, your machine will not receive documents automatically. If you receive a fax call, follow the procedure below to receive documents manually.

Setting the Telephone Mode

1

Change Fax Parameter No. 15 (IN MODE) to 1 : Tel. (See page 35)

2



12-MAR-1999 15:00
RCV MODE=TEL 00%

Confirm that the display is as shown to the right.

Operation of Telephone Mode

1

When your telephone rings, lift the handset of the External Telephone.

If you hear a beep from the phone, it means someone wants to send a fax. Or, if the caller answers and says he/she wants to send a fax, then...

2

Remove any document from the ADF.

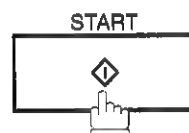
3a

If you answered the call using the External Telephone,

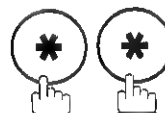


3b

If you answered the call on an Extension phone,



or

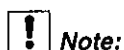


within 1 second from the telephone key pad.
(See Note 1)

Your machine will be activated remotely.

4

Hang up the phone.



Note:

1. This procedure is called "REMOTE RCV" and will only work on a touch tone phone. If your extension phone is not a touch tone phone, press **START** on the control panel of your fax machine.

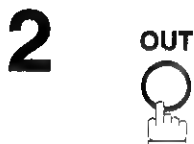
► Receiving Documents

Fax / Tel Auto Switching Mode

When your machine is set to this mode, your machine will switch to document reception or voice communication automatically.

Setting the Fax / Tel Auto Switching Mode

1 Change Fax Parameter No. 15 (IN MODE) to 2 : Fax / Tel SW. (See page 35)



12-MAR-1999 15:00
RCV MODE=FAX/TEL 00%

Confirm that the display is as shown to the right.

Operation of Fax / Tel Auto Switching Mode

1 Your machine will answer the call when a call is received, then distinguish whether it is a voice or fax call.

2a **If it is a Fax call,**
Your machine begins to receive the documents.

2b **If it is a Voice call,**
Your machine begins to signal (ringing) through the machine's speaker for your attention. (See Note 1)

3b Lift the handset of the External Telephone and press **STOP**.

4b Begin the conversation.



Note:

1. The length of time the machine signals can be changed by Fax Parameter No. 18 (OP CALL TIMER) (see page 36).
2. To adjust the Ringer Volume refer to page 24.

Fax Mode

When your machine is set to this mode, it will immediately begin to receive documents automatically when a call is received.

Setting the Fax Mode

1

Change Fax Parameter No. 16 (OUT MODE) to 1 : Fax. (See page 35)

2



12-MAR-1999 15:00
00%

Confirm that the display is as shown to the right.

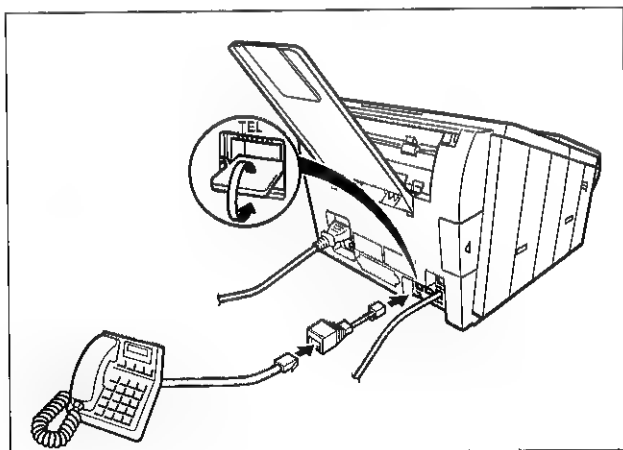
Operation of Fax Mode

Your machine will begin receiving automatically when a fax call is received.

TAM (Telephone Answering Machine) Interface Mode

Your machine is equipped with a unique feature called TAM Interface which enables it to automatically switch a single telephone line either to Fax or TAM. You can connect most TAMs in the market to your machine and use your existing telephone line very efficiently. However, some TAMs may not be compatible with this machine. For the operation of your TAM, please refer to the User's Guide of the TAM.

Installing your TAM



- (1) Remove the telephone line cable of your TAM from the wall jack.
- (2) Plug the telephone line cable of your TAM into the TEL jack on the rear of the fax machine as shown.

► Receiving Documents

Setting the TAM Interface Mode

1 Change Fax Parameter No. 16 (OUT MODE) to 2 : TAM I/F. (See page 35)



12-MAR-1999 15:00
RCV MODE=FAX/TAM 00%

Confirm that the display is as shown to the right.

Operation of TAM Interface Mode

1 When your TAM and Fax receives an incoming call, the TAM always answers the call first and then the TAM plays the OGM (Outgoing Message) recorded in your TAM to the calling station. During the time the TAM is answering the call, your fax machine will be monitoring the line to distinguish whether it is a voice or fax call.

If It is a Fax call,

2a Your machine will switch the line to the fax and then begin to receive the documents immediately from the calling station.

If It is a Voice call,

2b Your TAM continues to record a message (ICM) after playing the OGM.

Sample of OGM

Hello, this is Smith. Sorry I am unable to take your call. Please leave your message after the beep or if you are calling to send a fax, press the asterisk button twice on your touch tone phone now and start your machine. Thank you for calling.

Silent Detection Mode

Enables your Fax machine to switch to the Fax Mode when receiving from units that do not send fax signal (short beep) and prevents your TAM from recording blank (long silence) incoming message.

To activate this feature,

1. Change Fax Parameter No. 20 (SILENT DET.) to 2 : Valid. (See page 36)
2. Set the time length of the OGM recorded in your TAM with the Fax Parameter No. 19 (OGM LENGTH). (See page 36)

[We recommend to set the time length 5 or 6 seconds longer than the actual time length of the OGM.]

Print Reduction

This machine can use Letter, Legal or A4 size plain paper for recording. Sometimes, oversized documents sent to you by the other parties cannot be printed within a single page. When this occurs, the document will be divided into separate pages.

This machine is equipped with a Print Reduction function to solve this problem. You may select the most appropriate setting from the selections described below.

1. Automatic Reduction

Each page of a received document is first stored in memory. Based on the document length, your machine will automatically calculate the suitable reduction ratio (70% to 100%) to print the entire document on a single page. If the received document is extremely long (over 39% longer than the recording paper), the document will be divided into separate pages and print without reduction.

2. Fixed Reduction

You can pre-determine the reduction ratio from 70% to 100% in 1% steps. The document(s) you receive will be reduced to the fixed ratio regardless of size.

Selecting the Print Reduction Mode

Set Fax Parameters as shown below. (See page 36)

1. To set Automatic Reduction mode.

(1) No. 24 Print Reduction set to "Auto".

2. To set Fixed Reduction mode.

(1) No. 24 Print Reduction set to "Fixed".


(2) No. 25 Reduction Ratio set to any number between 70% through 100%. (See Note 1)

EX: A4 to A4 - 96%

A4 to Letter - 90%

Letter to Letter - 96%

Legal to Letter - 75%

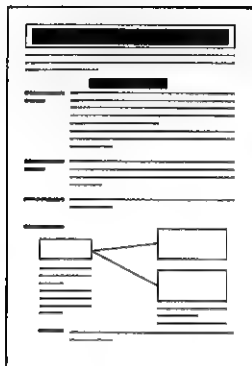
 **Note:** 1. If the sending side is set to print the header on the outside of the copy area, more reduction ratio will be required.

► Receiving Documents

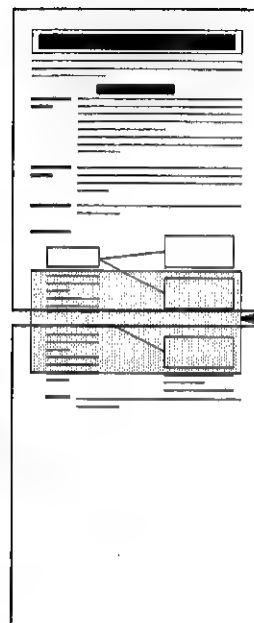
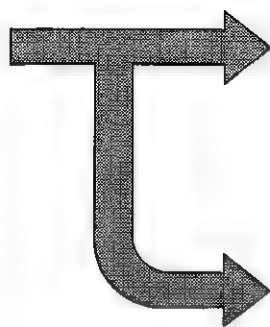
Receiving Oversize Documents

If the received document is extremely long (over 39% longer than the recording paper), the document will be divided into separate pages. When printing on separate pages, the bottom 10 mm of first page will be overlapped on top of the next page.

Transmitted Document



Received Document



Overlap print.
10 mm

The receiving document is divided into two sheets with overlap printing.



Note:

1. If the reduction method is set to the Automatic Reduction mode, the document is printed out with no reduction when printing out separate pages. If the reduction method is set to Fixed Reduction mode, the document is printed out by the ratio you set in Fax Parameter No. 25.

Receiving Documents ◀

Substitute Memory Reception

If the recording paper runs out or jams or if the toner runs out during reception, the machine automatically starts receiving documents into its image data memory. Stored documents are printed automatically after replacing the recording paper or the toner cartridge. (See Note 1 and 2)

- 1** When the machine finishes the memory reception and there is no recording paper or toner, an Information Code appears on the display.

NO RECORDING PAPER
INFO. CODE=010

OUT OF TONER
INFO. CODE=041

- 2** Install the recording paper (See page 18) or replace the toner cartridge (See page 16).

* PRINTING *
MEMORY RCV'D DOC

The machine will automatically start printing the document stored in the memory.

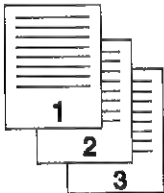
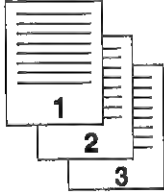
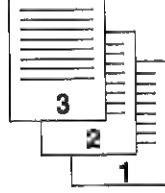
4

Print Collation Mode

The printing mechanism of the UF-585/595 is a Reverse Order Stacking construction. The UF-585/595 has a Print Collation Mode that stacks received documents in the correct order. When the Print Collation Mode is enabled, all received documents are stored into memory first, then printed out in Correct Order Stacking. The requirements for the Print Collation Mode to be active are; 1) Fax Parameter No. 65 PRINT COLLATION set to "Valid", and 2) enough remaining memory.

The unit will print in Reverse Order Stacking (Non-Collation Mode) whenever one of the above requirements is not met.

To use this function, we recommend installing an Optional Flash Memory Card. See page 151 (Options and Supplies).

| Sending Document Order | Stacking Document Order | |
|---|---|---|
|  | Correct Order Stacking (Collation Mode) | Reverse Order Stacking (Non-Collation Mode) |
| |  |  |

! Note:

1. If the memory overflows, the machine will stop receiving and release the communication line. The document(s) stored in the memory up to that moment will be printed out.
2. If you wish to turn off the substitute reception function, change the setting of Fax Parameter No. 22 to "Invalid". (See page 36)

▶ Making Copies

Your machine has a copy function which can make single or multiple copies. When copying, your machine will automatically select Fine resolution.

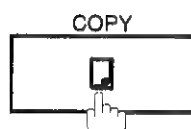
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



COPY
NO. OF COPY=1

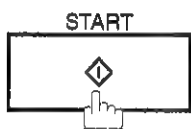
3

Enter the number of copies.

Ex: ① ① ①

COPY
NO. OF COPY=10

4



* STORE * NO.005
PAGES=001 01%

The machine stores the document, then prints the copies.

* COPY *
NO. OF COPY=01/10



Note:

1. The copy will be reduced automatically depending on the length of the original document. If you wish to be prompted for the reduction ratio when making copies, change the setting of Fax Parameter No. 32 (COPY REDUCTION) to "Manual". (See page 36) If Copy Reduction is set Manual, press ▼ and ▲ to set the zoom ratio in 1% steps (100% to 70%).
2. If you make a copy with Super Fine resolution, it will be reduced slightly even if the reduction ratio is set to 100% in order to fit the data on one page.
3. Standard Resolution is not available in Copy Mode.

Timer Controlled Communications◀

You can send a document to one or multiple stations at any preset time within the next 24 hours. Up to 10 built-in timers can be set for deferred transmission and deferred polling.

Deferred Transmission

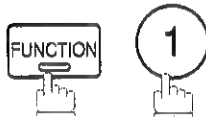
1



Set document(s) face down.

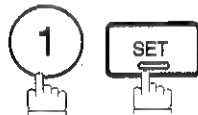
ENTER STATION(S)
THEN PRESS START 00%

2



DEFERRED COMM.. (1-2)
ENTER NO. OR ∨ ∧

3



DEFERRED XMT
START TIME ■ :

4

Enter the start time from the keypad.
(Use a 4-digit, 24-hour clock)

Ex: ② ③ ③ ① (11:30 p.m.) and SET

ENTER STATION(S)
THEN PRESS START

5

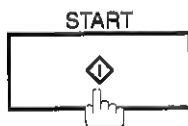
Dial by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling, press SET after each station is entered
(Up to 12 stations)
- Directory Search Dialling, press SET after each station is entered
(For details, see page 46 to 49.)

Ex: 01

<01>(Station name)
5551234

6



to store documents into the memory.

* STORE * NO.002
PAGES=001 05%

* STORE * COMPLETED
TOTAL PAGES=005 30%

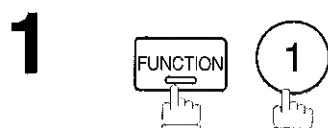
! Note:

1. If you enter a wrong number in Step 4, press CLEAR then re-enter the right number.
2. To change or cancel the Deferred Communication settings, see page 82 and 84.
3. When you reserve a deferred transmission without storing document into memory, the following message will be shown on the display after pressing START in the last step.

DEF DIRECT XMT RSV'D
<01>(Station name)

► Timer Controlled Communications

Deferred Polling



DEFERRED COMM. (1-2)
ENTER NO. OR ∨ ∧



DEFERRED POLLING
START TIME ■ :

3 Enter the start time from the keypad.
(Use a 4-digit, 24-hour clock)

Ex: ③ ③ ③ ③ (3:30 a.m.) and **SET**

DEFERRED POLLING
PASSWORD=■■■■

4 Enter a 4-digit polling password.

Ex: ⑨ ⑧ ⑦ ⑥ and **SET**

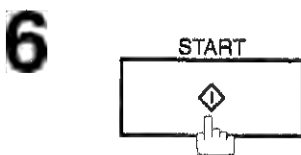
ENTER STATION(S)
THEN PRESS START

5 Dial by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling, press **SET** after each station is entered
(Up to 12 stations)
- Directory Search Dialling, press **SET** after each station is entered
(For details, see page 46 to 49.)

Ex: ⁰¹

<01>(Station name)
5551234



* STORE * NO.001

! Note:

1. If you enter a wrong number in Step 3, press **CLEAR**, then re-enter the right number.
2. To change or cancel the Deferred Communication settings, see page 82 and 84.

Polling means calling other station(s) to retrieve a document. The other station must know in advance that you will call and must have a document set on the ADF or stored in the memory. You may need to set a polling password, shared by the other station, to ensure security.

Setting the Polling Password

If the polling password does not match with the polled station, your polling request will be refused automatically.

To set the polling password, follow the steps below.

1



SET MODE (1-6)
ENTER NO. OR v ^

2



FAX PARAMETER (01-99)
NO. =

3



26 POLLING PASSWORD

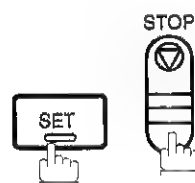
4

Enter a 4-digit polling password.

Ex: ① ② ③ ④

26 POLLING PASSWORD
1234

5



! Note:

1. Polling might not function with all fax machines. We suggest you attempt a trial polling before you actually poll important documents.
2. If a password is not set in the polled station, you may poll the other station even though your machine has a password.

► Polling

Preparing to be Polled

In order to let other stations poll your machine, you must prepare your machine with a document stored in memory. Be sure to set the polling password before storing the document into memory. After being polled, the documents stored in the memory will be erased automatically. To retain the documents in memory so that they can be polled repeatedly change Fax Parameter No. 27 (POLLED FILE SAVE) to "Valid".

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



POLLING NO. = ■
1: POLLING 2: POLLED

3



POLLED
PASSWORD=1234

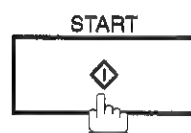
4

Enter a 4-digit polling password. (See Note 3)

Ex: ④ ③ ② ①

POLLED
PASSWORD=4321

5



The document(s) will be stored into memory.

* STORE * NO.015
PAGES=001 01%

* STORE * COMPLETED
TOTAL PAGES=005 24%

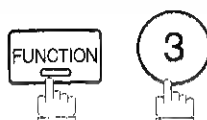
! Note:

1. You can still send or receive documents even when set to be polled.
2. Only 1 polled file can be stored in memory. If you need to add document(s) into the same polled file, see page 86.
3. If you have set the polling password in Fax Parameter No. 26, the password will appear on the display.
You can still change the password temporarily by overwriting it with a new one.

To Poll Documents from Another Station

The following procedure lets you poll a document from one or multiple stations. Be sure to set the polling password before polling. (See page 71)

1



POLLING NO.=
1: POLLING 2: POLLED

2



POLLING
PASSWORD=1234

3

Enter a 4-digit polling password. (See Note 2)

Ex: 1 1 1 1

POLLING
PASSWORD=1111

4



ENTER STATION(S)
THEN PRESS START

5

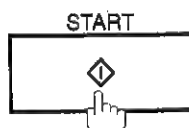
Dial by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling, press **SET** after each station is entered (Up to 12 stations)
- Directory Search Dialling, press **SET** after each station is entered (For details, see page 46 to 49.)

Ex: 01

<01>(Station name)
5551234

6



* STORE * NO.001



Note:

1. You can review the entered stations in step 5 by pressing **▼** or **▲** key, press **CLEAR** to erase the displayed station or group as needed.
2. If you have set the polling password in Fax Parameter No. 26, the password will appear on the display. You can still change the password temporarily by overwriting it with a new one.

Program Keys

Your fax machine has special Program Keys. These keys are useful if you frequently need to send or poll the same group of stations. You can use these keys to store a One-Touch group key, a sequence of stations to be polled, a deferred transmission or polling sequence or an additional One-Touch key.

Setting for Group Dialling

To set a Program Key for Group Dialling

1



PROGRAM (1-4)
ENTER NO. OR V ^

2



PROGRAM[P]
PRESS PROGRAM KEY

3

Ex:

PROGRAM[P1] NAME
ENTER NAME

4

Enter the station name (up to 15 characters) by using the Character keys. (See page 13)

Ex: PROG.A and

ENTER STATION(S)
THEN PRESS START

5

Enter the station numbers by using One-Touch Key or and 3-digit code.

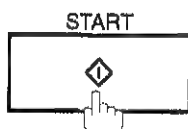
Ex: and 0 1 0

You may use the or keys to review the entered station(s) before going to next step. If you find an error, press to erase the displayed station.

<01>(Station name)
5551234

[010](Station name)
5553456

6



PROGRAM[P]
PRESS PROGRAM KEY

You can now set other Program Keys by repeating the procedures from Step 3, or return to standby by pressing

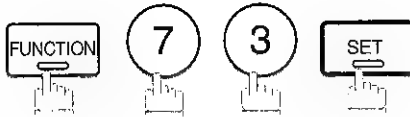
.

Program Keys◀

Setting for Deferred Transmission

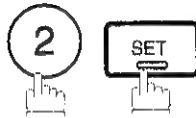
To set a Program Key for deferred transmission

1



PROGRAM (1-4)
ENTER NO. OR V ^

2



PROGRAM[P]
PRESS PROGRAM KEY

3

Ex:

PROGRAM[P1] NAME
ENTER NAME

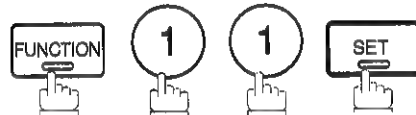
4

Enter the station name (up to 15 characters) by using the Character keys. (See page 13)

Ex: PROG.A and

PROGRAM[P1]
PRESS FUNCTION KEY

5



DEFERRED XMT
START TIME ■ :

6

Enter the starting time using 4 digits.

Ex: ② ③ ③ ① (11:30 p.m.) and

ENTER STATION(S)
THEN PRESS START

7

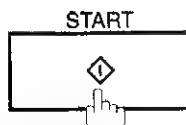
Enter the station by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Directory Search Dialling, press after each station is entered
(For details, see page 47 to 49.)

Ex:

<01>(Station name)
5551234

8



PROGRAM[P]
PRESS PROGRAM KEY

You can now set other Program Keys by repeating the procedures from Step 3, or return to standby by pressing .

5

Program Keys

Setting for Deferred Polling

To set a Program Key for deferred polling

1



PROGRAM (1-4)
ENTER NO. OR V ^

2



PROGRAM[P]
PRESS PROGRAM KEY

3

Ex:

PROGRAM[P1] NAME
ENTER NAME

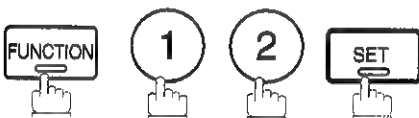
4

Enter the station name (up to 15 characters) by using the Character keys. (See page 13)

Ex: PROG.A and

PROGRAM[P1]
PRESS FUNCTION KEY

5



DEFERRED POLLING
START TIME ■ :

6

Enter the starting time.

Ex: (10:00 p.m.) and

DEFERRED POLLING
PASSWORD=■■■■

7

Enter a 4-digit polling password.

Ex: and

The polling password appears if it has been previously set.

ENTER STATION(S)
THEN PRESS START

8

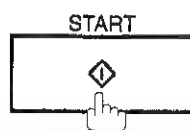
Enter the station by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Directory Search Dialling, press after each station is entered
(For details, see page 47 to 49.)

Ex:

<01>(Station name)
5551234

9



PROGRAM[P]
PRESS PROGRAM KEY

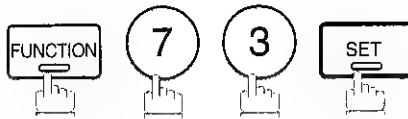
You can now set other Program Keys by repeating the procedures from Step 3, or return to standby by pressing .

Program Keys◀

Setting for Normal Polling

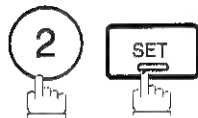
To set a Program Key for normal polling

1



PROGRAM (1-4)
ENTER NO. OR V ^

2



PROGRAM[P]
PRESS PROGRAM KEY

3

Ex:

PROGRAM[P1] NAME
ENTER NAME

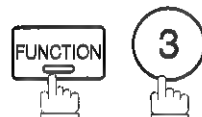
4

Enter the station name (up to 15 characters) by using the Character keys. (See page 13)

Ex: PROG.A and

PROGRAM[P1]
PRESS FUNCTION KEY

5



POLLING
PASSWORD=■■■■

6

Enter a 4-digit polling password.

Ex: and

ENTER STATION(S)
THEN PRESS START

The polling password appears if it has been previously set.

7

Enter the station by any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Directory Search Dialling, press after each station is entered
(For details, see page 47 to 49.)

Ex:

<01>(Station name)
5551234

8



PROGRAM[P]
PRESS PROGRAM KEY

You can now set other Program Keys by repeating the procedures from Step 3, or return to standby by pressing .

5

▶ Program Keys

Setting for One-Touch Key

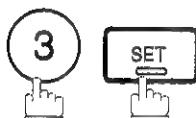
To set a Program Key for One-Touch Key

1



PROGRAM (1-4)
ENTER NO. OR V ^

2



PROGRAM[P]
PRESS PROGRAM KEY

3

Ex:

PROGRAM[P1] NAME
ENTER NAME

4

Enter the station name (up to 15 characters) by using the Character keys. (See page 13)

Ex: PROG.A and

[P1] PROG.A
ENTER TEL. NO.

5

Enter a telephone number (up to 36 digits including pauses and spaces).

Ex: ⑨ ⑤ ⑤ ⑤ ① ② ③ ④

[P1] PROG.A
9-555 1234■

6



PROGRAM[P]
PRESS PROGRAM KEY

You can now set other Program Keys by repeating the procedures from Step 3, or return to standby by pressing .

Changing or Erasing the Program Key Settings

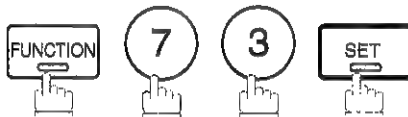
To change the settings in a Program Key, follow the procedure on setting a Program Key on pages 74 to 78.

- Start time or station(s) for deferred transmission
- Station(s) for normal polling
- Start time or station(s) for deferred polling
- Station(s) for group dialling
- Telephone number and station name for One-Touch key

To erase the settings in a Program Key

5

1



PROGRAM (1-4)
ENTER NO. OR V ^

2



PROGRAM[P]
PRESS PROGRAM KEY

3

Press the Program key you want to erase.

Ex:

PROGRAM[P1]
DELETE? 1:YES 2:NO

4



* DELETING *
PROGRAM[P1]

5

You can now erase other Program Keys by repeating the procedures from Step 3, or return to standby by pressing **STOP**.

PROGRAM[P]
PRESS PROGRAM KEY

Edit File Mode

Your machine has a document image memory which enables you to reserve memory transmission, memory deferred transmission, memory polling and so on.

After reserving the communications in memory, you may need to change the settings of the communication(s) while it is still in memory. This section describes how to use the file editing features.

Printing a File List

The contents of the communication settings may have to be modified or deleted. To verify the contents, follow the steps below to print out a file list.

| | | |
|----------|---|--|
| 1 |   | EDIT FILE MODE (1-6) ENTER NO. OR V ^ |
| 2 |  | 1:FILE LIST? PRESS SET TO SELECT |
| 3 |  | FILE LIST 1:PRINT 2:VIEW |
| 4 |  | * PRINTING * FILE LIST |

Sample File List

| ***** -FILE LIST- ***** | | | | | |
|--|---------------|--------------|------------|-------|-------------------------------|
| DATE 12-MAR-1999 ***** TIME 15:00 ***** | | | | | |
| (1) | (2) | (3) | (4) | (5) | (6) |
| FILE No. | COMM. TYPE | CREATED TIME | START TIME | PAGES | DESTINATION(S) |
| 001 | DEFERRED XMT | 12-MAR 13:20 | 20:30 | | [001] |
| 002 | MEM. DEF. XMT | 12-MAR 13:20 | 22:30 | 003 | [011] [012] [013] [016] [017] |
| -PANASONIC - | | | | | |
| ***** -HEAD OFFICE - ***** 201 555 1212- ***** | | | | | |



Explanation of Contents


- | | |
|------------------------------|--|
| (1) File number | : If the file is now being executed, a "*" is indicated on the left of the file number. |
| (2) Communication type | |
| (3) Stored date/time | : Date/time that these files were stored. |
| (4) Executing time | : If the file is a Timer Controlled Communication, the start time is printed in this column. If the file is an incomplete file, "INCOMP" is printed in this column. |
| (5) Number of stored page(s) | |
| (6) Destination | : ABBR No./One-Touch No./Manual Dialling No. |


Edit File Mode ◀


Viewing the Contents of a File List



To view the contents of a file list on the display without printing it, follow the steps below.

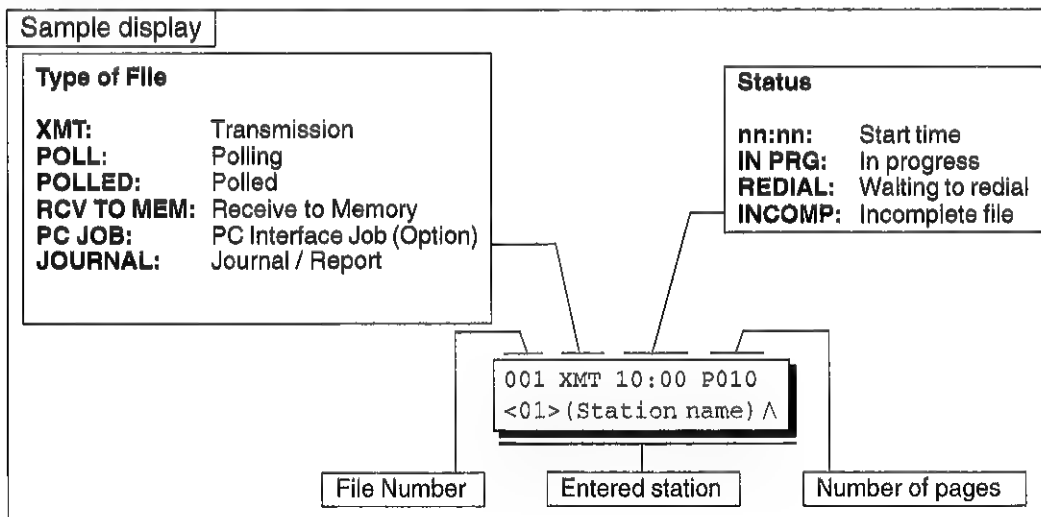
- 1  

EDIT FILE MODE (1-6)
ENTER NO. OR V ^
- 2 

1:FILE LIST?
PRESS SET TO SELECT
- 3 

FILE LIST
1:PRINT 2:VIEW
- 4 

USE THE V ^ KEYS TO
SCROLL EACH FILE
- 5  or  repeatedly until the display shows a file you want to edit.



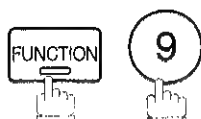
- 6 

► Edit File Mode

Changing the Start Time or the Station of a File

To change the start time and/or stations in a communication file, follow the steps below.

1



```
EDIT FILE MODE (1-6)
ENTER NO. OR V ^
```

2



```
ENTER FILE NO. OR V ^
FILE NO. =■■■
```

3

Enter the file number or use ▼ or ▲ to select the file that you want to change.

```
ENTER FILE NO. OR V ^
FILE NO. =001
```

Ex: 0 0 1

4



(See Note 2)

```
DEFERRED XMT
START TIME      22:30
```

5

Enter a new start time.

Ex: 0 6 0 0 (6:00 a.m.)

(If you do not have to change the time, skip to step 6.)

```
DEFERRED XMT
START TIME      06:00
```

6



```
<01>(Station name)
5551234
```

Edit File Mode ◀

7

To delete the station(s), press ▼ or ▲ key until the station you want to delete appears. Then press **CLEAR**.

ENTER STATION(S)
THEN PRESS START

or

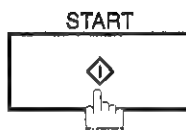
Enter the station(s) you want to add.

Ex: **SET**

1 STN(S) ARE SET
ADD MORE OR START

5

8



* STORE * 005



Note:

1. Your machine cannot change the start time and/or stations in the file while it is being sent or waiting to redial.
2. If the file is not a Deferred Communication File, the following message is shown on the display.

SET DEFERRED COMM. ?
1: YES 2: NO

Press ① to change the type of the file for deferred communication file.

3. If you edit the file that is saved as an incomplete file, after pressing **START** in step 8, your machine will prompt you whether to execute the file immediately.

The display shows:

RETRY INCOMP FILE ?
1: YES 2: NO

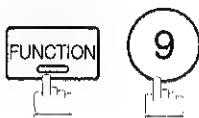
Press ① to execute the file immediately.

▶ Edit File Mode

Deleting a File

To delete the file in memory, follow the steps below.

1



```
EDIT FILE MODE (1-6)
ENTER NO. OR V ^
```

2



```
ENTER FILE NO. OR V ^
FILE NO.=■■■
```

3

Enter the file number or use ▼ or ▲ to select the file that you want to delete.

```
ENTER FILE NO. OR V ^
FILE NO.=001
```

Ex: 0 0 1 (See Note 2)

4



```
DELETE FILE NO.001?
1:YES 2:NO
```

5



Enter the next file number you want to delete or press **STOP** to return to standby.

```
* DELETING *
FILE NO.=001
```

```
ENTER FILE NO. OR V ^
FILE NO.=■■■
```



Note:

1. Your machine cannot delete the file while it is being sent.
2. Enter * * * as the file number and press **SET** to delete all files (except the file in progress). The following message is shown on the display.

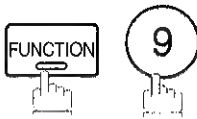
```
DELETE ALL FILES?
1:YES 2:NO
```

Press 1 to delete all files.

Printing Out a File

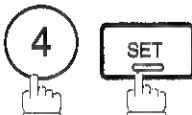
To print the contents of the communication file, follow the steps below.

1



EDIT FILE MODE (1-6)
ENTER NO. OR V ^

2



ENTER FILE NO. OR V ^
FILE NO. =■■■

3

Enter the file number or use ▼ or ▲ to select the file that you want to print.

Ex: 0 0 1

ENTER FILE NO. OR V ^
FILE NO. =001

4



Your machine will print the file. The document(s) will remain in memory even after printing the file.

* PRINTING *
PAGE=001/003

5



Note:

1. Your machine cannot print the file while it is being sent.

► Edit File Mode

Adding Documents into a File

To add documents into the file, follow the steps bellow.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 0.5%

2



EDIT FILE MODE (1-6)
ENTER NO. OR ∨ ∧

3



Enter the file number or use ▼ or ▲ to select the file that you want to add.

Ex: 0 0 1

ENTER FILE NO.OR ∨ ∧
FILE NO.=■■■

ENTER FILE NO.OR ∨ ∧
FILE NO.=001

4



Your machine will start storing the document(s) into a file.

* STORE * NO.001
PAGES=002 10%



Note:

1. Your machine cannot add the document into the file while it is being sent or waiting to redial.

Retry an Incomplete File

If a memory communication has been unsuccessful due to a busy line or no answer, the document you stored is automatically erased from memory after the last redial.

If you need to retain the document even if the communication failed, change the setting of Fax Parameter No. 31 (INC. FILE SAVE) to Valid in advance. (See page 36)

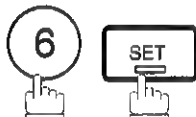
To retry the incomplete file, print a File List first to verify the file number. (See page 80)
Then, follow the steps below.

1



EDIT FILE MODE (1-6)
ENTER NO. OR V ^

2



ENTER FILE NO. OR V ^
FILE NO. = ■■■

3

Enter the file number or use ▼ or ▲ to select the file that you want to retry.

Ex: 0 0 1

ENTER FILE NO. OR V ^
FILE NO. = 001

4



Your machine will retry the file and start dialling immediately.

* STORE * NO.001
<01> (Station name)

* DIALLING * NO.001
<01> (Station name)



Note:











1. To confirm or change the entered telephone number for the file, see page 80 and 82.
2. If you set Fax Parameter No. 31 to Valid, all incomplete files will remain in the memory. To avoid memory overflow, please check the memory content frequently. We recommend that optional flash memory card is installed when this function is used. (See page 151)

► Access Code

The Access Code prevents an unauthorized user from operating the machine. Once a 4-digit Access Code is registered, no one can operate the machine without entering the correct access code.

Automatic Receiving, however, is always available. After you complete any operation, such as mode setting or transmission, and the display returns to standby, you have to re-enter the access code in order to use the machine again. Registering the Access Code does not affect the use of the machine in any other way.

Setting the Access Code

| | | |
|---|---|---|
| <p>1</p>   | <p>2</p>   | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> SET MODE (1-6) ENTER NO. OR V ^ </div> |
| <p>3</p>    | <p>4</p> <p>Enter a 4-digit Access Code. Ex: ① ② ③ ④</p> | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> FAX PARAMETER(01-99) NO.=■ </div> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> 38 ACCESS CODE ■■■■ </div> |
| <p>5</p>  | <p>6</p> <p>Select Restriction Level.</p> <p>① for All operations or ② for Setting and Printing the Fax Parameters only.</p> <p>Ex: ②</p> | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> 38 ACCESS CODE 1234 </div> <div style="border: 1px solid black; padding: 5px; width: fit-content;"> 38 ACCESS CODE 1:ALL 1234 </div> |
| <p>7</p>   | | <div style="border: 1px solid black; padding: 5px; width: fit-content;"> 38 ACCESS CODE 2:FAX PARA. 1234 </div> |



Note:

- To erase the Access Code, enter the Access Code and press **SET** and follow the procedure above to step 3, then press **CLEAR**, **SET** and **STOP**.

Access Code ◀

Operating Your Machine with the Access Code (Restrict all operations)

1

Enter the Access Code.

Ex: ① ② ③ ④

12-MAR-1999 15:00
ACCESS CODE=■

12-MAR-1999 15:00
ACCESS CODE=■■■■

2



Now you can operate the machine normally.

12-MAR-1999 15:00
00%

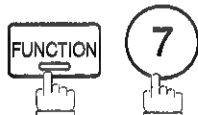
5

Operating Your Machine with the Access Code (Restrict access of Fax Parameters only)

The UF-585/595 can restrict the operation of setting and printing the Fax Parameters only.

Ex: When setting the Fax Parameter.

1



SET MODE (1-6)
ENTER NO. OR V ^

2



INPUT ACCESS CODE
■■■■

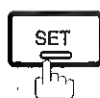
3

Enter a 4-digit Access Code.

Ex: ① ② ③ ④

INPUT ACCESS CODE
1234

4












Now you can operate the machine normally.

FAX PARAMETER(01-99)
NO.=■

►Receive To Memory

This feature is used to secure all received documents by storing them into the memory. To print out the document from memory, the authorized operator must enter the correct password.

Setting the RCV To Memory Password

| | |
|--|------------------------------------|
| 1   | SET MODE (1-6) ENTER NO. OR V ^ |
| 2   | FAX PARAMETER(01-99) NO.=■ |
| 3    | 37 RCV TO MEMORY ■■■■ |
| 4 <p>Enter a 4-digit RCV to Memory Password. Ex: ① ② ③ ④</p> | 37 RCV TO MEMORY 1234 |
| 5   | |

Setting RCV To Memory

| | |
|--|---|
| 1   | SELECT MODE (1-5) ENTER NO. OR V ^ |
| 2   | RCV TO MEMORY=OFF 1:OFF 2:ON 3:PRINT |
| 3  | RCV TO MEMORY=ON 1:OFF 2:ON 3:PRINT |
| 4  | 12-MAR-1999 15:00 < RCV TO MEMORY > |



Note:

1. When the memory overflows, the machine will stop receiving and release the line. The machine will not answer the next incoming call until there is space available in the memory.
2. We recommend that optional flash memory card is installed when this function is used. See page 148 on Image Memory Capacity.

Receive To Memory ◀

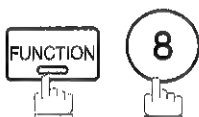
Printing Out Documents

After receiving a document with the Receive To Memory feature, the following message will appear on the display.

MESSAGE IN MEMORY
< RCV TO MEMORY >

To print the document, follow the steps below.

1



SELECT MODE (1-5)
ENTER NO. OR V ^

5

2



RCV TO MEMORY=ON
1:OFF 2:ON 3:PRINT

3



RCV TO MEMORY=PRINT
1:OFF 2:ON 3:PRINT

4



INPUT PASSWORD

5

Enter the password to print the documents.
(See Note 1)

INPUT PASSWORD
1234

Ex: ① ② ③ ④

6



* PRINTING *
MEMORY RCV'D DOC

Machine will start to print the documents.



Note:

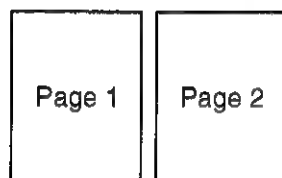
1. If the password has not been set, your machine will not prompt you to enter the password. The documents will be printed immediately after pressing **SET** in step 4.
2. Once the RCV TO MEMORY feature is set to "On", the password cannot be changed (Fax Parameter No. 37 will not be shown on the LCD display). If you wish to change the password, set RCV TO MEMORY feature to "Off" first. Then change the password. (See page 90)

► Fax Cover Sheet

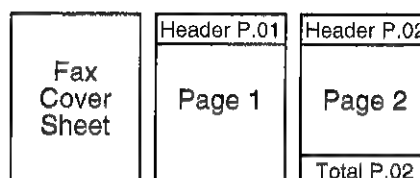
General Description

A Fax Cover Sheet can be automatically attached to your transmit document(s) that shows the recipient's name, originator's name and the number of pages attached.

Transmitted as:



Received as:



To use the Fax Cover Sheet

To attach a Fax Cover Sheet to a transmission, follow the procedure below.

1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



SELECT MODE (1-5)
ENTER NO. OR V ^

3



COVER SHEET=OFF
1:OFF 2:ON

4



for "OFF" (Cover Sheet is not attached)

COVER SHEET=OFF
1:OFF 2:ON

or



for "ON" (Cover Sheet is attached)

COVER SHEET=ON
1:OFF 2:ON

or

5



ENTER STATION(S)
THEN PRESS START 00%

6

Dial the station(s) you wish to send the documents to.

Ex:

! Note:

1. To change the preset Fax Cover Sheet Setting, change the setting of Fax Parameter No. 56, see page 37.
2. This function is available for memory or direct transmission modes.
3. The Fax Cover Sheet is not counted in the number of pages column of the journals.

Fax Cover Sheet Sample

***** FACSIMILE COVER SHEET *****

(1)

12-MAR-1999 15:00

(2)

Message To:

SALES DEPT.

(3)

Message From:

PANASONIC
201 555 1212

(4)

02

Page(s)

Following This Cover Page

5

Explanation of contents

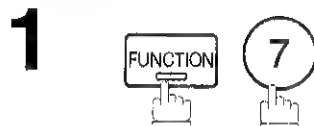
- (1) Starting time of communication.
- (2) Recorded name in the One-Touch, ABBR No. or dialed telephone number.
- (3) Your LOGO (up to 25 characters) and ID Number. (Up to 20 digits)
- (4) The number of pages to follow. This information is not shown when transmitting by Direct Transmission Mode.

Fax Forward

Setting Fax Forward

This feature allows all incoming faxes to be forwarded to the station registered in the one-touch or abbreviated dialling number. Once the faxes are received in the memory, the machine will forward the received document(s) to the telephone number registered in the one-touch or abbreviated dialling number.

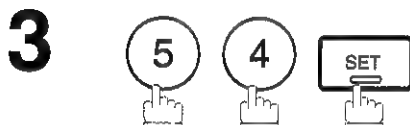
This function is convenient when you would like to receive faxes in another place (i. e. your home) at night or during a holiday.



SET MODE (1-6)
ENTER NO. OR V ^



FAX PARAMETER (01-99)
NO. =



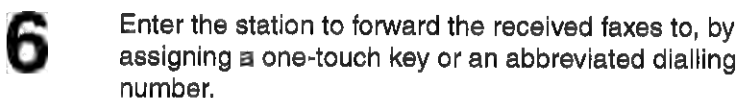
54 FAX FORWARD
1: INVALID



54 FAX FORWARD
2: VALID



54 FAX FORWARD
ENTER STATION



Ex: 01

<01> (STATION NAME)
5551234



Note:

1. When the Fax Forward feature is set, the one-touch or the abbreviated dialling number is restricted from editing. Please change this function to "Invalid" when you would like to edit the telephone number.
2. If the communication to transfer a received document(s) fails, the received document will print out and then is erased from memory even if the Fax Parameter No. 31 (INC. FILE SAVE) is set to "Valid".
If you wish to save the document into memory in case of communication failure, set your machine to Receive To Memory. (See page 90)
3. It is not possible to receive a document if the memory of your machine overflows or is about 95% used.

Selective Reception ◀

Your machine has a special feature, Selective Reception, which can prevent the receiving of unnecessary documents (i.e. junk fax, direct mail, etc.).

Before receiving the document, the last 4 digits of the ID Number received from the sending machine will be compared with the last 4 digits of the telephone number programmed in each One-Touch or Abbreviated station. When a match is found, your machine will start receiving the document. If a match is not found, your machine will cancel the reception and an Information Code 406 will be recorded on the Journal.

Setting the Selective Reception

1



SET MODE (1-6)
ENTER NO. OR V ^

6

2



FAX PARAMETER (01-99)
NO. =

3



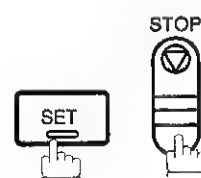
46 SELECT RCV
1:INVALID

4



46 SELECT RCV
2:VALID

5



! Note:

1. When the Selective Reception is set, your machine can receive only from those stations which are programmed in the built-in auto-dialer.
2. If your ID number has not been set, your machine might not be able to receive from some models. To set your ID number, see page 28.

► Password Communications

General Description

Password Communications, including Password Transmission and Password Reception will prevent your machine from sending a fax to a wrong station or receiving a fax from an unauthorized stations. You can set Password Transmission and Password Reception independently, or both together.

To use Password Transmission, you must set a 4-digit transmission password in advance. The password must be shared with other compatible Panafax machine(s). If the transmission password in your machine does not match the transmission password in the other compatible Panafax machine(s), the transmission will fail. You can select password transmission by setting Function 8-4 (PASSWORD-XMT) to "ON" when you send a document.

To use Password Reception, you must set a 4-digit receiving password in advance. The password must be shared with the other compatible Panafax machine(s). If the password in your machine does not match the receiving password in the other compatible Panafax machine(s), the reception will fail. Once you set password reception and set the parameter to "ON", it stays until you change the setting to "OFF".

Compatibility with Other Machines

You can only use password transmission and reception with another Panafax compatible machine(s) listed below.

| Model | Special Settings |
|---------|---|
| DF-1100 | Required. Please refer to the individual User's Guide of each model. |
| UF-160 | |
| UF-160M | |
| UF-170 | |
| UF-260 | |
| UF-270 | |
| UF-270M | |
| UF-280M | |
| UF-300 | |
| UF-312 | |
| UF-322 | |
| UF-550 | |
| UF-560 | |
| UF-585 | |
| UF-595 | |
| UF-650 | |
| UF-733 | |
| UF-744 | |
| UF-745 | |
| UF-750 | |
| UF-750D | |
| UF-755 | |
| UF-755e | |
| UF-766 | |
| UF-770 | |
| UF-788 | |
| UF-880 | |
| UF-885 | |
| UF-895 | |
| UF-M500 | |

Password Communications

Setting Password Transmission

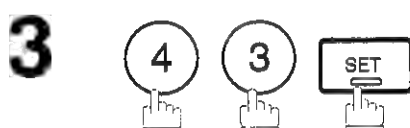
To set transmission password and parameter,



SET MODE (1-6)
ENTER NO. OR V ^



FAX PARAMETER(01-99)
NO. =■

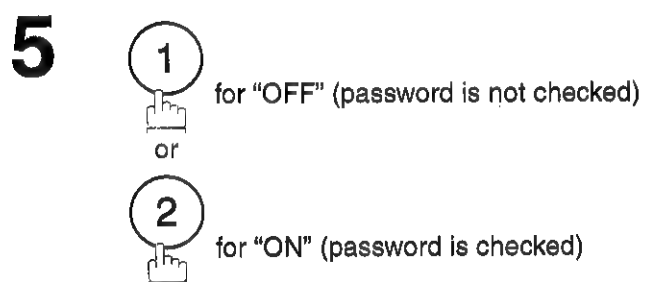


43 PASSWORD-XMT ■■■■



Ex: ① ② ③ ④ and press **SET**

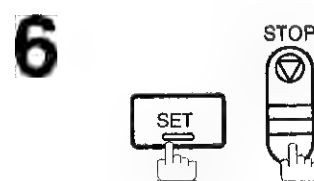
43 PASSWORD-XMT
1:OFF 1234



43 PASSWORD-XMT
1:OFF 1234

or

43 PASSWORD-XMT
2:ON 1234



- !** **Note:**
1. You can change the setting temporarily by using FUNCTION 8-4 (PASSWORD-XMT) for each transmission. See page 99 for details.
 2. To change the password, press **CLEAR** in step 4. Then re-enter a new one.

Password Communications

Setting Password Reception

To set receiving password and parameter,

1



SET MODE (1-6)
ENTER NO. OR V ^

2



FAX PARAMETER (01-99)
NO. =■

3



44 PASSWORD-RCV ■■■■

4

Enter a 4-digit Receiving Password.

Ex: ① ② ③ ④ and press **SET**

44 PASSWORD-RCV
1:OFF 1234

5



for "OFF" (password is not checked)

or



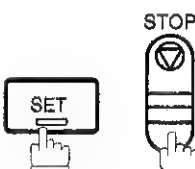
for "ON" (password is checked)

44 PASSWORD-RCV
1:OFF 1234

or

44 PASSWORD-RCV
2:ON 1234

6



Note:

1. Once you set the parameter, you cannot select the parameter, "OFF" or "ON", for each reception. It is always "OFF" or "ON" until you change the setting.
2. To change the password, press **CLEAR** in step 4. Then re-enter a new one.

Password Communications

Using Password Transmission

To use Password Transmission, you can select PASSWORD-XMT "OFF" or "ON" for each Transmission by following the procedure below.

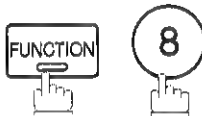
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

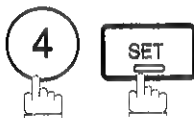
2



SELECT MODE (1-5)
ENTER NO. OR V ^

6

3



PASSWD-XMT=OFF
1:OFF 2:ON

4



for "OFF" (password is not checked)

or



for "ON" (password is checked)

PASSWD-XMT=OFF
1:OFF 2:ON

or

PASSWD-XMT=ON
1:OFF 2:ON

5



ENTER STATION(S)
THEN PRESS START

6

Dial by any combination of the following methods:

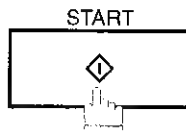
- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling, press **SET** after each station is entered (Up to 12 stations)
- Directory Search Dialling, press **SET** after each station is entered (For details, see page 46 to 49.)

Ex:

<01>(Station name)
5551234

► Password Communications

7



If your machine's Transmission Password coincides with the other station's Transmission Password, your machine starts sending the document.

When transmission is completed, PASSWORD-XMT returns to standard setting ("**OFF**" or "**ON**").

Using Password Reception

There is no additional operation required once you set the parameter by following the procedure on page 98. The parameter, "**OFF**" or "**ON**", cannot be selected for each reception. It is always "**OFF**" or "**ON**" until you change the setting.

Confidential Mailbox

Your machine is equipped with two Confidential Communication features which ensure that the Confidential information you send is received only by the person with the correct confidential code.

Confidential Mailbox

The confidential mailbox feature can be used as a mailbox to communicate with other compatible models using a 4-digit confidential code. The Confidential Mailbox feature receives document(s) with a confidential code into memory. These documents can only be printed by the person who has the correct confidential code.

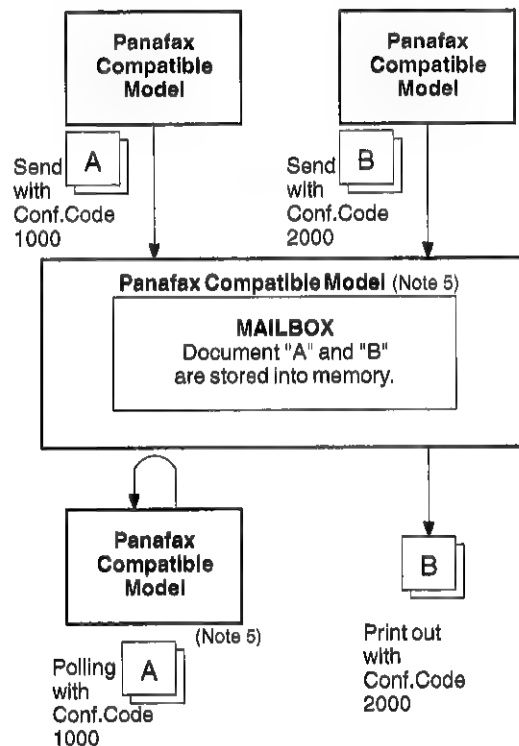


Figure 1 : Confidential Mailbox

Compatibility with Other Machines

Table 1 shows a list of compatible Panafax models which have the Confidential Mailbox feature. It also shows whether or not special settings are required.

Table 1 : Confidential Mailbox Requirement

| Compatible Model | | | | | | Special Settings |
|------------------|---------|--------|---------|--------|--------|------------------|
| DF-1100 | UF-280M | UF-312 | UF-322 | UF-332 | UF-342 | Not Required. |
| UF-344 | UF-550 | UF-560 | UF-585 | UF-595 | UF-733 | |
| UF-744 | UF-745 | UF-755 | UF-755e | UF-766 | UF-770 | |
| UF-788 | UF-880 | UF-885 | UF-895 | | | |

- Note:**
1. If your machine receives two confidential faxes with same confidential code, both documents are stored together in the same confidential mailbox.
 2. Up to 10 Mailbox files can be stored in memory. So, you can receive the confidential fax using 10 different confidential codes.
 3. If the memory overflows, the machine will stop receiving and release the line.
 4. We recommend that optional flash memory card be installed when this function is used. See page 148 on Image Memory Capacity.
 5. If confidential faxes were received in the mailbox of UF-733, you cannot poll those documents. The UF-733 is designed to print out the received confidential document locally only.

► Confidential Mailbox

Sending a Confidential Document to a Remote Station's Mailbox

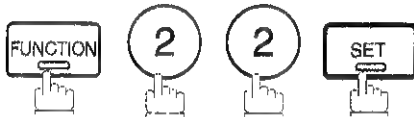
1



Set document(s) face down.

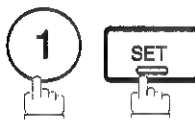
ENTER STATION(S)
THEN PRESS START 00%

2



CONF. COMM. (1-5)
ENTER NO. OR V ^

3



CONFIDENTIAL XMT
CONF. CODE=■■■■

4

Enter a 4-digit Confidential Code.

Ex: ② ② ③ ③

CONFIDENTIAL XMT
CONF. CODE=2233

5



ENTER STATION
THEN PRESS START

6

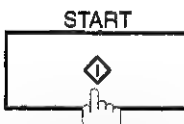
Dial by any one of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling
- Directory Search Dialling

Ex: 01

<01>(Station name)
5551234

7

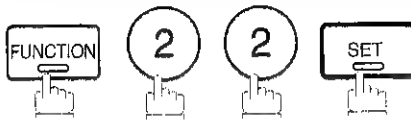


If necessary, inform the receiving person and tell them the Confidential Code.

Polling a Confidential Document from a Remote Station's Mailbox

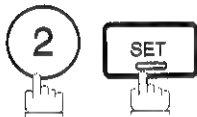
After you have been informed that someone has transmitted a confidential document to a remote station's mailbox, you can poll the confidential document from the remote station by following the procedure below.

1



CONF. COMM. (1-5)
ENTER NO. OR V ^

2



CONFIDENTIAL POLL
CONF. CODE=■■■■

3

Enter a 4-digit Confidential Code.

Ex: (2) (2) (3) (3)

CONFIDENTIAL POLL
CONF. CODE=2233

4



ENTER STATION
THEN PRESS START

5

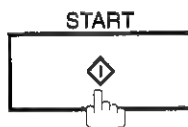
Dial by any one of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Manual Number Dialling
- Directory Search Dialling

Ex: 01

<01>(Station name)
5551234

6



6



Note:

1. The confidential file will be erased automatically at the center station after being polled.

► Confidential Mailbox

Receiving a Confidential Document to Your Machine's Mailbox

No special setting is required, your machine comes with this feature ready to use. Your machine receives a confidential fax the same way it receives a normal fax message. When receiving the confidential fax, the display shows the following message (CONF. RCV REPORT) and prints out the Confidential Receive Report.

MESSAGE IN MAIL BOX

Sample CONF. RCV Report

```
*****-CONF. RCV REPORT- *****DATE 12-MAR-1999 *****TIME 15:00 *****
** NOTICE OF CONFIDENTIAL DOCUMENT HELD **

(1)      (2)      (3)      (4)
FILE NO.  RECEIVED FROM  PAGES  TIME RECEIVED

040      PANAFAX      001      12-MAR 15:00

                        -PANASONIC -

*****-HEAD OFFICE      -***** 201 555 1212- *****
```

Explanation of contents

- (1) File number : 001 to 999
- (2) Received remote station's ID : Character ID or Numeric ID
- (3) Number of pages received
- (4) Received date and time

! Note:

1. If your machine receives two confidential faxes with same confidential code, both documents are stored together in the same confidential mailbox.
2. Up to 10 Mailbox files can be stored in memory. So, you can receive the confidential fax using 10 different confidential codes.
3. If the memory overflows, the machine will stop receiving and release the line.
4. You can verify whether the unit has received a confidential fax by printing out the File List. (See page 80)

Storing a Confidential Document in Your Machine's Mailbox

Use the following procedure to store a document in a confidential mailbox in your machine. Once the confidential document is stored in your machine, it can be polled by another machine.

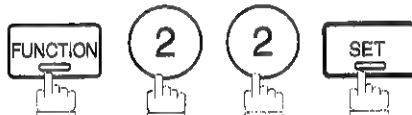
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



CONF. COMM. (1-5)
ENTER NO. OR V ^

6

3



CONFIDENTIAL POLLED
CONF. CODE=■■■■

4

Enter a 4-digit Confidential Code.

Ex: ② ② ③ ③

CONFIDENTIAL POLLED
CONF. CODE=2233

5



The document(s) will be stored into memory.
If necessary, inform the receiving party of the confidential document and tell them the confidential code needed to poll the document.

* STORE * NO.002
PAGES=001 01%



Note:

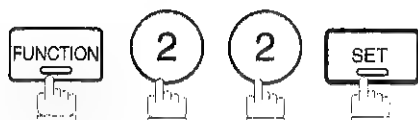
1. The confidential file will be erased automatically after being polled.
If you wish to retain the confidential file even after being polled, change the setting of Fax Parameter No. 42 (CONF. POLLED FILE SAVE) to "Valid".

► Confidential Mailbox

Printing Out ■ Confidential Document from Your Machine's Mailbox

After you have been notified that someone has transmitted a confidential document to your machine's mailbox, use the following procedure to print out the confidential document.

1



CONF. COMM. (1-5)
ENTER NO. OR V ^

2



PRINT CONF. FILE
CONF. CODE=■■■■

3

Enter the Confidential Code of the document you want to print out.

Ex: ② ② ③ ③

PRINT CONF. FILE
CONF. CODE=2233

4



The machine will print out the confidential documents.

* PRINTING *
PAGE=001/001

! **Note:**

1. The confidential file will be erased automatically after being printed out even if the setting of Fax Parameter No. 42 (CONF. POLLED FILE SAVE) is changed to "Valid".

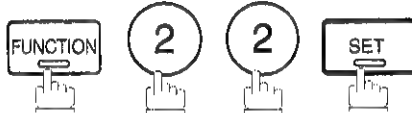
Deleting a Confidential Document Stored in Your Machine's Mailbox

If your memory becomes full, or you just want to clean out your confidential documents, you may delete one or more confidential faxes stored in your machine by using the following procedure.

There are two types of confidential file deletions, one is to delete the file individually by its Confidential Code, and the other is to delete all confidential files in memory.

To delete a file using Confidential Code

1



CONF. COMM. (1-5)
ENTER NO. OR V ^

2



DELETE CONF. FILE
CONF. CODE=■■■■

3

Enter a 4-digit Confidential Code.

Ex: ② ② ③ ③

DELETE CONF. FILE
CONF. CODE=2233

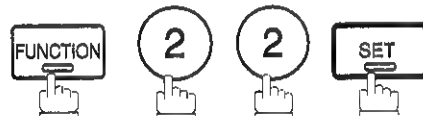
4



* DELETING *
CONF. CODE=2233

To delete all confidential files in memory

1



CONF. COMM. (1-5)
ENTER NO. OR V ^

2



DELETE CONF. FILE
CONF. CODE=■■■■

3



DELETE ALL CONF.
FILES? 1:YES 2:NO

4



* DELETING *
ALL CONF. FILES

6

► Relayed Transmission

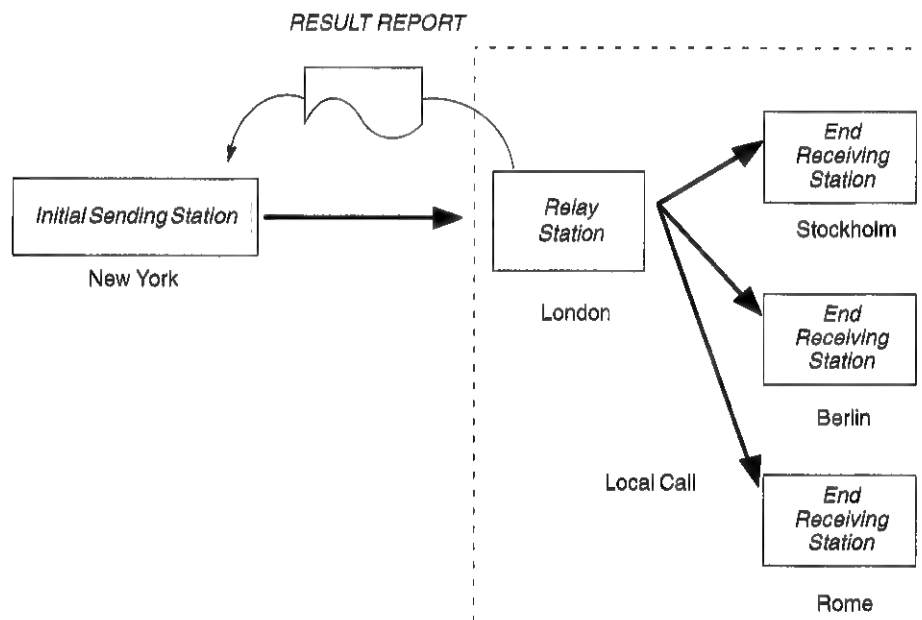
General Description

The Relayed Transmission feature can save you time and transmission costs if you need to send the same documents to multiple G3 fax machines. This is especially true if the transmissions are long distance.

To use Relayed Transmission, you must be part of a "Relay Network" built around a "Relay Station". That is, when you send a document by Relayed Transmission, you actually send it to a Relay Station together with instructions to relay it to one or multiple end receiving station(s).

The Relay Station first receives the document in its memory and then relays it to the end receiving station(s).

Example:



Compatibility with Other Machines

Table 1 shows the kind of facsimile machines which can make up a Relay Network used for Relayed Transmission. Note that your machine can serve as an Initial Sending Station or End Receiving Station.

Table 1 : Relay Network Compatibility Requirements

| Station | Compatible Model | | | | Special Settings |
|-------------------------|------------------------------|--------|---------|---------|---|
| Initial Sending Station | DF-1100 | UF-312 | UF-733 | UF-885 | Required. Please refer to the individual User's Guides of each machine. |
| | UF-150 | UF-322 | UF-744 | UF-895 | |
| | UF-160 | UF-342 | UF-745 | | |
| | UF-160M | UF-344 | UF-750 | | |
| | UF-170 | UF-550 | UF-750D | | |
| | UF-250 | UF-560 | UF-755 | | |
| | UF-260 | UF-585 | UF-755e | | |
| | UF-270 | UF-595 | UF-766 | | |
| | UF-270M | UF-620 | UF-770 | | |
| | UF-280M | UF-640 | UF-788 | | |
| | UF-300 | UF-650 | UF-880 | | |
| Relay Station | UF-620 | UF-650 | UF-640 | UF-M500 | |
| End Receiving Station | ITU-T G3 Compatible machines | | | | Not required. |

Relay Network

A Relay Network is basically a group of facsimiles programmed to communicate with each other via a Relay Station. In this case, the word programmed means that certain numbers have been stored in the memory of each machine. These numbers, also called parameters, are needed to identify the machines in the network.

Since your machine can only serve as an Initial Sending Station or End Receiving Station in a Relay Network, it is assumed that you will not have to establish the network yourself. All you have to do is follow the set up procedure described here, and certain instructions provided by the network organizer (usually the person controlling the Relay Station). You should know, however, what kind of network you are going to connect to, and how it works. A sample network is shown in figure 1.

Figure 1 shows a sample network as seen from New York. London and Singapore are Relay Stations connected to New York. Viewed from New York, Stockholm, Berlin, Rome, Tokyo, Hong Kong, Wellington and Sydney are End Receiving Stations.

With this simple network using two Relay Stations, you can send a document with one operation to any combination of stations in the network via the London Relay Station and/or Singapore Relay Station. If New York only transmits to one station, for example, then the document will go directly to the station or indirectly via the Relay Station depending on the One Station XMT Parameter you preset.

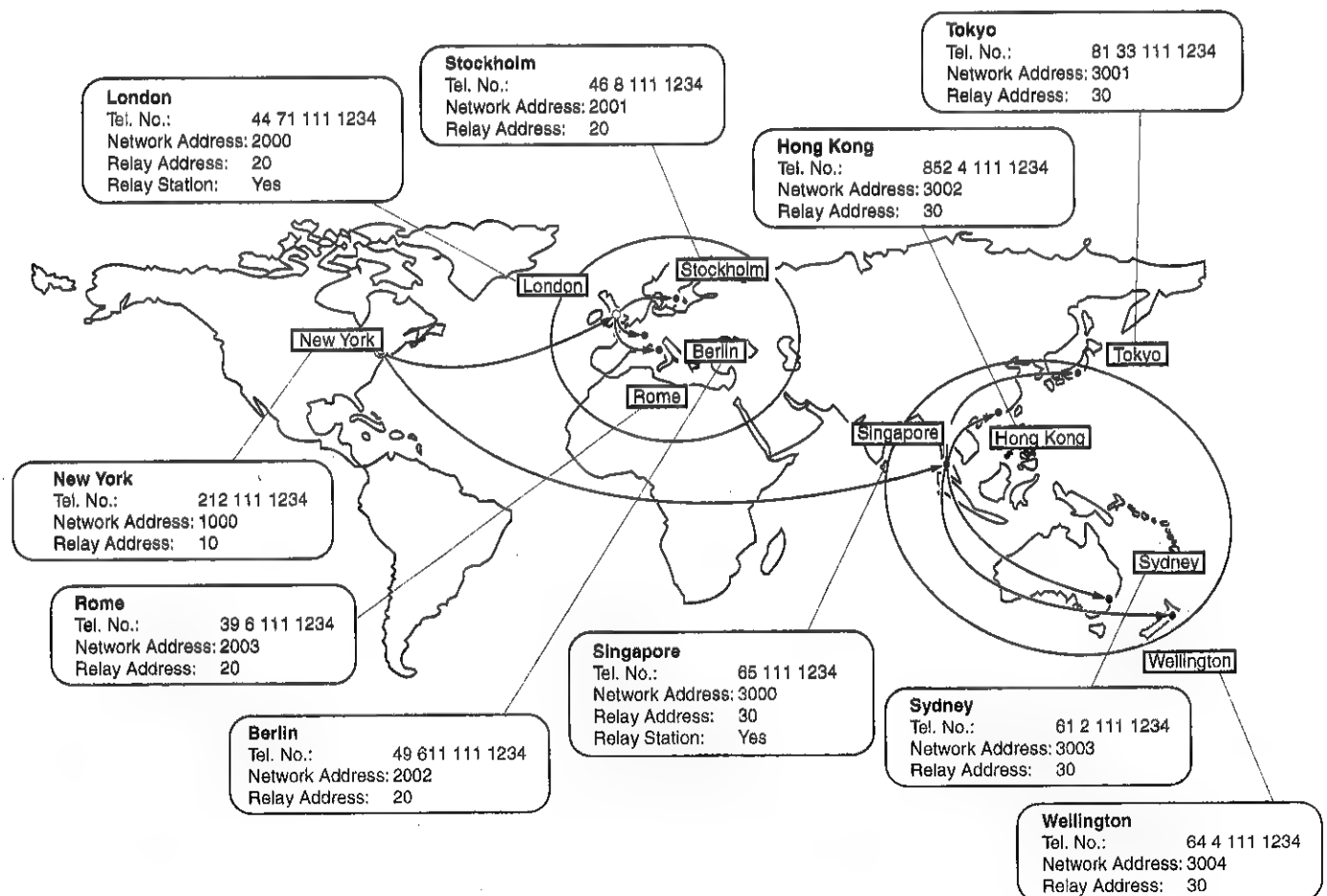


Figure 1 : Sample Network

► Relayed Transmission

Table 2, 3 and 4 are sample settings for a Sample Network.

Table 2 : Sample Parameter and Abbreviated Dialling Number Table for New York

Telephone Number : 212 111 1234
 Network Address : 1000
 Relay Address : 10

| One-Touch/ ABBR No. | Station Name | Telephone Number | Relay Address | Relay Station Yes/No | Network Address |
|------------------------|--------------|---------------------|------------------|-------------------------|--------------------|
| 01 | London | 44 71 111 1234 | 20 | Yes | 2000 |
| 02 | Stockholm | 46 8 111 1234 | 20 | No | 2001 |
| 03 | Berlin | 49 611 111 1234 | 20 | No | 2002 |
| 04 | Rome | 39 6 111 1234 | 20 | No | 2003 |
| 05 | Singapore | 65 111 1234 | 30 | Yes | 3000 |
| 06 | Tokyo | 81 33 111 1234 | 30 | No | 3001 |
| 07 | Hong Kong | 852 4 111 1234 | 30 | No | 3002 |
| 08 | Sydney | 61 2 111 1234 | 30 | No | 3003 |
| 09 | Wellington | 64 4 111 1234 | 30 | No | 3004 |

Table 3 : Sample Parameter and Abbreviated Dialling Number Table for London

Telephone Number : 71 111 1234
 Network Address : 2000
 Relay Address : 20

| One-Touch/ ABBR No. | Station Name | Telephone Number | Relay Address | Relay Station Yes/No | Network Address |
|------------------------|--------------|---------------------|------------------|-------------------------|--------------------|
| 01 | Stockholm | 46 8 111 1234 | 20 | No | 2001 |
| 02 | Berlin | 49 611 111 1234 | 20 | No | 2002 |
| 03 | Rome | 39 6 111 1234 | 20 | No | 2003 |
| 04 | New York | 1 212 111 1234 | 10 | No | 1000 |
| 05 | Singapore | 65 111 1234 | 30 | Yes | 3000 |
| 06 | Tokyo | 81 33 111 1234 | 30 | No | 3001 |
| 07 | Hong Kong | 852 4 111 1234 | 30 | No | 3002 |
| 08 | Sydney | 61 2 111 1234 | 30 | No | 3003 |
| 09 | Wellington | 64 4 111 1234 | 30 | No | 3004 |

Table 4 : Sample Parameter and Abbreviated Dialling Number Table for Singapore

Telephone Number : 65 111 1234
 Network Address : 3000
 Relay Address : 30

| One-Touch/ ABBR No. | Station Name | Telephone Number | Relay Address | Relay Station Yes/No | Network Address |
|------------------------|--------------|---------------------|------------------|-------------------------|--------------------|
| 01 | New York | 1 212 111 1234 | 10 | No | 1000 |
| 02 | London | 44 71 111 1234 | 20 | Yes | 2000 |
| 03 | Stockholm | 46 8 111 1234 | 20 | No | 2001 |
| 04 | Berlin | 49 611 111 1234 | 20 | No | 2002 |
| 05 | Rome | 39 6 111 1234 | 20 | No | 2003 |
| 06 | Tokyo | 81 33 111 1234 | 30 | No | 3001 |
| 07 | Hong Kong | 852 4 111 1234 | 30 | No | 3002 |
| 08 | Sydney | 61 2 111 1234 | 30 | No | 3003 |
| 09 | Wellington | 64 4 111 1234 | 30 | No | 3004 |

Setting Up Your Machine for Relayed Transmission

To set up your machine for Relayed Transmission, use the procedures on the following pages to set the parameters listed below. Some parameters (e.g., Fax Parameter No. 40 (RELAY XMT REQUEST)) are only set once, but others must be set separately for each station in the Relay Network.

1. Relay XMT Request (Fax Parameter No. 40)

Selecting whether the machine will accept and perform G3 relayed transmission. (See page 37)

2. Own Telephone Number (FUNCTION 7 5 SET)

Enter the full telephone number of your machine in order for the Relay Station to send you a Result Report.

3. Network Password (FUNCTION 7 5 SET)

Enter a 4-digit Network Password to be used for protection against unauthorized (outside) stations from accessing your machine to relay messages to G3 fax machines via PSTN. This password should be given out to authorized people only. Every Relay requesting stations and Relay stations in the network should have the same Network Password.

4. Own Network Address (FUNCTION 7 5 SET)

Enter a 4-digit Own Network Address in order for the Relay Station to send you a Result Report.

5. One-Touch/ABBR Numbers (Auto Dialer)

Enter the One-Touch or ABBR Number that represents the end receiving station's fax telephone number in the network as seen from your station.

1) Relay Station (Yes/No) Parameter (Auto Dialer)

Set this parameter to "Yes" if the particular station you are recording is a Relay Station. If you are connected to more than one Relay Stations in series, set "Yes" only for the first Relay Station.

2) Relay Address (Auto Dialer)


Enter a 2-digit number which identifies the Relay Station your machine will use. Your machine may be connected to more than one Relay Station in parallel, but when you use Relay XMT Request your machine will only send documents to the Relay Station identified by the Relay Address.


3) Network Address (Auto Dialer)

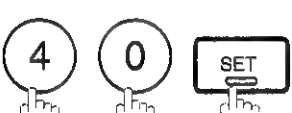
End Receiving Station telephone numbers set in the Initial Sending Station may be different from the numbers set in a Relay Station. To send a fax to an End Receiving Station via a Relay Station each station in the network must be identified with a certain code which does not vary depending on where you call from. The code is the Network Address, which consists of a 4-digit number and is assigned to a One-Touch/ABBR number.


► Relayed Transmission

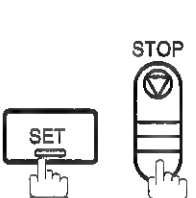
To set the Relayed XMT FAX Parameters;

- 1 


SET MODE (1-6)
ENTER NO. OR ∨ ∧
- 2 


FAX PARAMETER (01-99)
NO. =■
- 3 

40 RELAY XMT REQUEST
1:INVALID
- 4 


40 RELAY XMT REQUEST
2:VALID
- 5 

To set your Own Telephone Number, Network Password and Own Network Address;

- 1 

SET MODE (1-6)
ENTER NO. OR ∨ ∧
- 2 

OWN TELEPHONE NO.
■
- 3 Enter your machine's full telephone number (max. 36 digits).
Ex: ① SPACE ② ① ② SPACE
① ① ① SPACE ① ② ③ ④

OWN TELEPHONE NO.
1 212 111 1234■
- 4 

NETWORK PASSWORD
■■■■


Continued on the next page.

Relayed Transmission ◀

5 Enter a 4-digit Network Password.

Ex: (9)(9)(9)(9)

NETWORK PASSWORD
9999



6 

OWN NETWORK ADDRESS
■■■■

7 Enter your own 4-digit Network Address.

Ex: (1)(0)(0)(0)

OWN NETWORK ADDRESS
1000

8  

To set a One-Touch/ABBR Dialling Number, Relay Station (Yes/No) Parameter, Relay Address, Network Address and One Station XMT (Relay/Direct Parameter);

1  

SET MODE (1-6)
ENTER NO. OR ∨ ∧

2  

1: ONE-TOUCH
2: ABBR NO.

3 

ONE-TOUCH< >
PRESS ONE-TCH OR ∨ ∧


4 Ex: 

<01>
ENTER TEL. NO.

5 Enter the fax telephone number of the end receiving station (up to 36 digits including pauses and spaces).

Ex: (4)(6) [SPACE] (8) [SPACE] (1)(1)(1) [SPACE]
(1)(2)(3)(4)

<01>
46 8 111 1234■

6 

<01> ENTER NAME
46 8 111 1234

Continued on the next page.

► Relayed Transmission

7

Enter the station name.

Ex: **S T O C K H O L M** and press **SET**

```
<01> STOCKHOLM
46 8 111 1234
```

8



```
<01> RELAY STN? 2
1: YES 2: NO
```

9

If the recorded station is a Relay Station, press ①.
If not, press ②.

Ex: ②

```
<01> RELAY ADDRESS
```

10

Enter a 2-digit Relay Address which identifies the Relay Station your machine will use.

Ex: ② ①

```
<01> RELAY ADDRESS
20
```

11



```
<01> NETWORK ADDRESS
```

12

Enter a 4-digit Network Address

Ex: ② ① ① ①

```
<01> NETWORK ADDRESS
2001
```

13



```
ONE-TOUCH< >
PRESS ONE-TCH OR V ^
```

Repeat step 4 through 13 to enter the numbers for other stations, or return to standby by pressing **STOP**.

Print out a list of One-Touch/ABBR numbers or Directory Search List to confirm that you have recorded everything correctly. For the printout operation, refer to page 127.

Relayed Transmission◀

Sending a Document by Relayed Transmission

Once you have recorded all the necessary parameters in your machine in accordance to the Relay Network that you belong to, you can send a document to one or multiple G3 fax machines automatically through the Relay Station by using the procedure described below. The Relay Network must have all the necessary parameters setup.

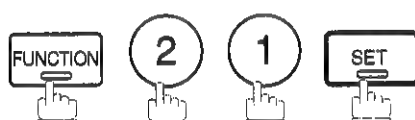
1



Set document(s) face down.

ENTER STATION(S)
THEN PRESS START 00%

2



ENTER STATION(S)
THEN PRESS START

3

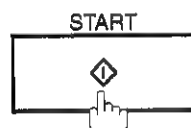
Enter only the telephone number(s) of the End Receiving Station(s) using any combination of the following methods:

- One-Touch Dialling
- Abbreviated Dialling
- Directory Search Dialling, press **SET** after each station is entered
(For details, see page 47 to 49)

Ex:

<01>(Station name)
5551234

4



The document is stored into memory and your machine starts dialling the number of the Relay Station and sends the document.

After the Relay Station completes its transmission to the End Receiving Station(s), your machine receives a COMM. Journal from the Relay Station. This Journal confirms whether the Relayed Transmission(s) was successful.

* STORE * NO. 001
PAGES=001 01%



Note:

1. You cannot use manual number dialling in step 3.

▶ Relayed Transmission

Printouts and Reports

When you use Relayed Transmission, your machine will print the following two reports to help you check and keep track of your faxes.

1. Relay XMT Report (COMM. JOURNAL)

When your machine finishes transmitting to the Relay Station, it will print a COMM. Journal when the Fax Parameter No. 12 (COMM. JOURNAL) is set to "2:ALWAYS", this tells you whether the transmission was successful or not.

2. Result Report

After the Relay Station completes its transmission to the End Receiving Station(s), your machine receives and prints the Relay XMT Result Report. This report confirms whether the Relayed Transmission was successful.

Sample Relay XMT Report (COMM. JOURNAL)

| | | | | | | |
|---|-------|-----------|----------------------|---------|-------------------|-----------|
| ***** -COMM. JOURNAL - ***** DATE 12-MAR-1999 **** TIME 15:00 ***** | | | | | | |
| (1) | (2) | | | (3) | | |
| MODE = MEMORY RELAYED TRANSMISSION | | | START= 12-MAR 14:50 | | END= 12-MAR 15:00 | |
| FILE NO.= 050 (4) | | | | | | |
| (5) | (6) | (7) | (8) | (9) | (10) | (11) |
| STN NO. | COMM. | ABBR NO. | STATION NAME/TEL NO. | PAGES | DURATION | RLY STN |
| 001 | R-OK | <01>/2000 | LONDON | 001/001 | 00:01:30 | <01>/2000 |
| 002 | R-OK | <02>/2001 | STOCKHOLM | 001/001 | RELAY | <01>/2000 |
| 003 | R-OK | <03>/2002 | BERLIN | 001/001 | RELAY | <01>/2000 |
| 004 | R-OK | <04>/2003 | ROME | 001/001 | RELAY | <01>/2000 |
| - PANASONIC - | | | | | | |
| ***** - HEAD OFFICE - ***** - 201 555 1212 - ***** | | | | | | |

- (1) Indication of communication mode
- (2) Start time of communication
- (3) End time of communication
- (4) File number : 001 to 999
- (5) Sequential number of the stations
- (6) Communication result : "R-OK" indicates that the Relayed XMT Request was successful.
3-digit Info Code (See page 136) indicates that the communication has failed.
- (7) Abbreviated number and Network Address
- (8) Recorded name in One-Touch or ABBR Number dialling
- (9) Number of pages transmitted : 3-digit number is the number of pages successfully transmitted.
- (10) Duration of communication : The communication that was requested to be transferred via the relay station is shown as "RELAY".
- (11) Relay station's ABBR NO. / Network Address



Note:

1. If you transmit through more than one Relay Station, you will receive a separate Result Report.

Relayed Transmission

Sample Result Report (Relay XMT Result)

```

(1)
12-MAR-1999 12:10 FROM LONDON TO NEW YORK P.001/001

*****-RESULT REPORT- ***** DATE 12-MAR-1999 ***** TIME 12:10 ***** P.1
(2)
MODE = RELAYED TRANSMISSION
(3) (6) (7)
REQUEST REC'V TIME=12-MAR 11:40 START=12-MAR 12:00 END=12-MAR 12:10
NUMBER OF PAGE(S) = 001 (4)
FILE NO. = 045 (5)

**** REQUESTING STATION ** (8)
- NEW YORK -
TELEPHONE NUMBER = 212 111 1234
NETWORK ADDRESS = 1000

(9) (10) (11) (12) (13)
NO. COMM. DESTINATION(S) PAGE(S) RLY STN

01 OK 2000 LONDON 001/001
02 OK 2001 STOCKHOLM 001/001
03 OK 2002 BERLIN 001/001
04 INC 2003 ROME 000/001

**RELAY STATION ** (14)

- LONDON-
TELEPHONE NUMBER = 44 71 111 1234
RELAY ADDRESS= 20
NETWORK ADDRESS= 2000

- LONDON -

*****- 44 71 111 1234 - *****
TOTAL P.01

```

6

Explanation of contents

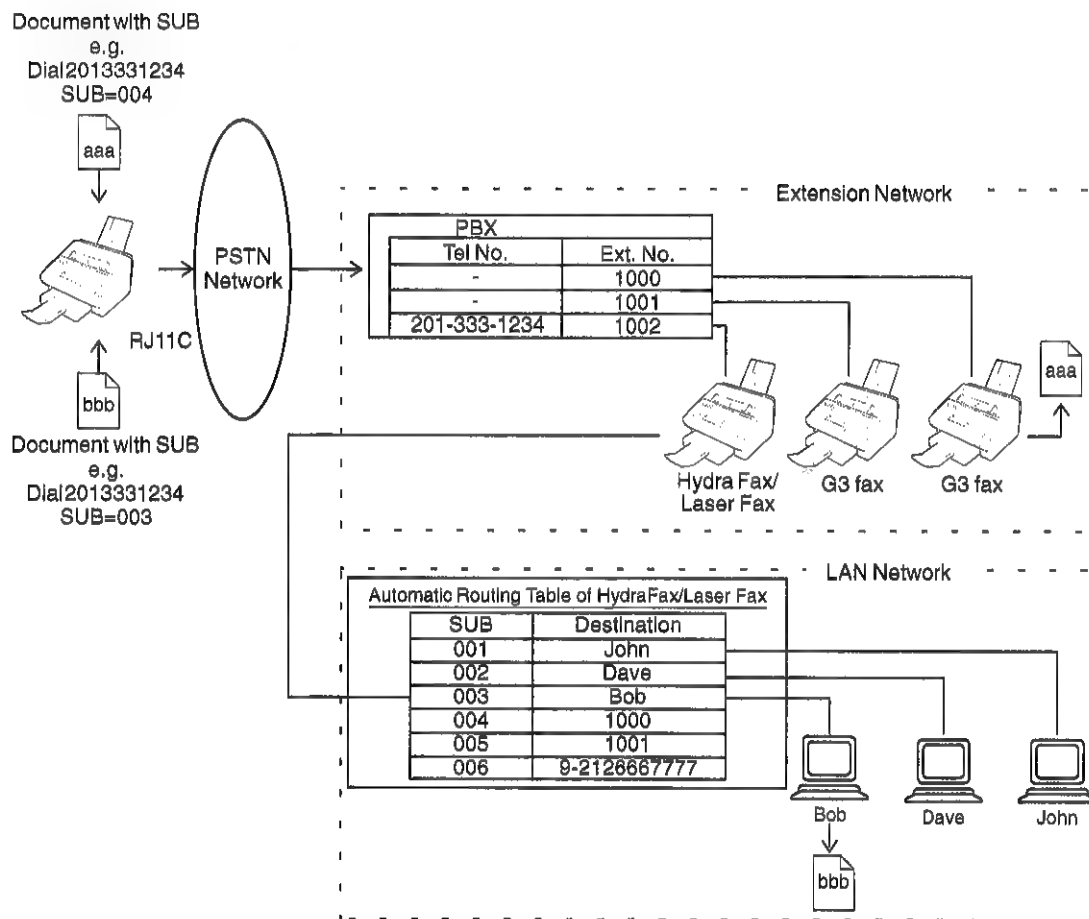
- (1) Relay Station's Header Print
- (2) Indication of transmission mode
- (3) The time when the relay request was received
- (4) Number of pages received for a relay request
- (5) File number of the received relay request file
- (6) The time when the Relay Station starts sending Relay Faxes
- (7) The time when the Relay Station ends sending Relay Faxes
- (8) Initial Sending Station's information (LOGO, Telephone number and Network Address)
- (9) Communication number
- (10) Communication result : "OK" indicates that the transmission was successful.
"R-OK" indicates that the transmission to the Relay Station was successful.
"INC" indicates that the transmission was not completed.
- (11) Station name
- (12) Number of pages transmitted/number of pages received for a Relay Request
- (13) Another Relay Station's Relay Address/Network Address (If transferred to another Relay Station)
- (14) Relay Station's information (LOGO, Telephone number and Network Address)

► Sub-addressing

General Description

The Sub-addressing function allows you further routing, forwarding or relaying of document(s) to the desired recipient(s) when used in combination with the Networking version of HydraFax/LaserFAX software. This function conforms to the ITU-T recommendation for T. Routing-Facsimile Routing utilizing the Sub-address.

Example of a Network



Compatibility with Other Machines

- Sub-addressing Transmission: DF-1100/UF-332/342/344/550/560/585/595/770/788/880/885/895 (See Note 2)
- Sub-addressing Reception: DF-1100/UF-342/344/550/560/585/595/770/788/880/885/895 with PC Interface using the Networking version of HydraFax/LaserFAX software.

Sub-addressing Transmission Methods

You can send a document with Sub-address information to the desired recipient by the following methods.

- By registering the Sub-address information into One-Touch/ABBR Dialling Numbers.
- By specifying the Sub-address information in the Manual Number Dialling Mode.

Setting of Routing, Forwarding or Relaying

You can customize the Automatic Routing to any combination of LAN (Local Area Network), PSTN (Public Switched Telephone Network) or PBX Extension with HydraFax/LaserFAX Routing Table (please refer to the HydraFax/LaserFAX User Manual).



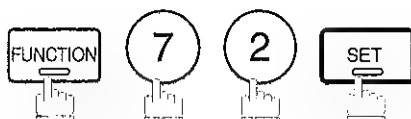
Note:

1. HydraFax and LaserFAX are trademarks of Wordcraft International Ltd.
2. UF-788 with PC Interface Option or the Option ROM installed.

Sub-addressing◀

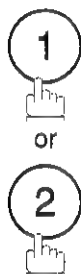
To set the Sub-address into a One-Touch/ABBR Dialling Numbers

1



1:ONE-TOUCH
2:ABBR NO.

2



to select "One-Touch".

or

to select "ABBR NO.".

Ex: ①

ONE-TOUCH< >
PRESS ONE-TCH OR ∨ ∧

3

Ex: 01

<01>
ENTER TEL. NO.

4

Enter the telephone number, press **FLASH** then enter the Sub-address. (Up to 20 digits)
(Up to 36 digits including telephone number, pauses, spaces, FLASH and Sub-address)

Ex: Telephone number = 5551234, Sub-address =2762

Enter as: ⑤ ⑤ ⑤ ① ② ③ ④

FLASH ② ⑦ ⑥ ②

<01>
5551234s2762■

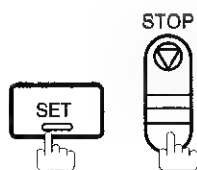
5



Enter the station name. (See page 29)

<01> SALES DEPT■
5551234s2762

6



! Note:

1. **FLASH** separates the Sub-address from the Telephone number and is indicated by an "s" in the display.

6

► Sub-addressing

To send a Document with Sub-address

Using One-Touch/ABBR Number Dialling

The operation is the same as for normal dialling

1

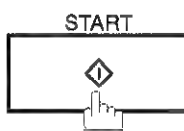


Set document(s) face down.

2

Ex:

3



The document is stored into memory and your machine starts to dial the number of the station and sends the document(s) with Sub-addressing information.

ENTER STATION(S)
THEN PRESS START 00%

<01> (Station name)
5551234s2762

* STORE * NO. 001
PAGES=001 01%

Using Manual Number Dialling

Use **FLASH** to separate the Telephone number and the Sub-address.

1



Set document(s) face down.

2

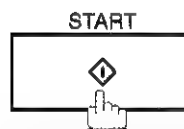
Enter the telephone number, press **FLASH** then enter the Sub-address (up to 20 digits).
(Up to 36 digits including telephone number, pauses, spaces, FLASH and Sub-address)

Ex: Telephone number = 5551234, Sub-address=2762

Enter as: ⑤ ⑤ ⑤ ① ② ③ ④

FLASH ② ⑦ ⑥ ②

3



The document is stored into memory and your machine starts to dial the number of the station and sends the document(s) with Sub-addressing information.

ENTER STATION(S)
THEN PRESS START 00%

TEL. NO.
5551234s2762■

* STORE * NO. 001
PAGES=001 01%

! Note:

1. **FLASH** separates the Sub-address from the Telephone number and is indicated by an "s" in the display.
2. Manual Off-Hook or On-Hook Dialling cannot be used with the Sub-addressing Transmission.
3. The Sub-address is not transmitted during Manual Redial Mode.

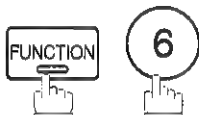
Journals and Lists◀

To help you maintain records of the documents you sent and received, as well as lists of the numbers you record, your facsimile machine is equipped to print the following journals and lists: Transaction Journal, Individual Transmission Journal, Communication Journal, One-Touch/Abbreviated/Directory Search No. List, Program List, Fax Parameter List, Directory Sheet and File List.

Transaction Journal

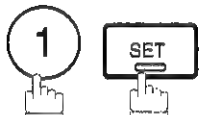
The "Journal" is a record of the last 32 transactions (a transaction is recorded each time you send or receive a document). It is printed out automatically after every 32 transactions (See Note 1) or you can print or view it manually by using the following procedure:

1



PRINT OUT (1-7)
ENTER NO. OR ∨ ∧

2



JOURNAL
1:PRINT 2:VIEW

3a



for printing a Journal

* PRINTING *
JOURNAL

3b



for viewing a Journal

JOURNAL VIEW
1:XMT ONLY 2:ALL

4

Select the viewing mode.

① to view transmission transactions only

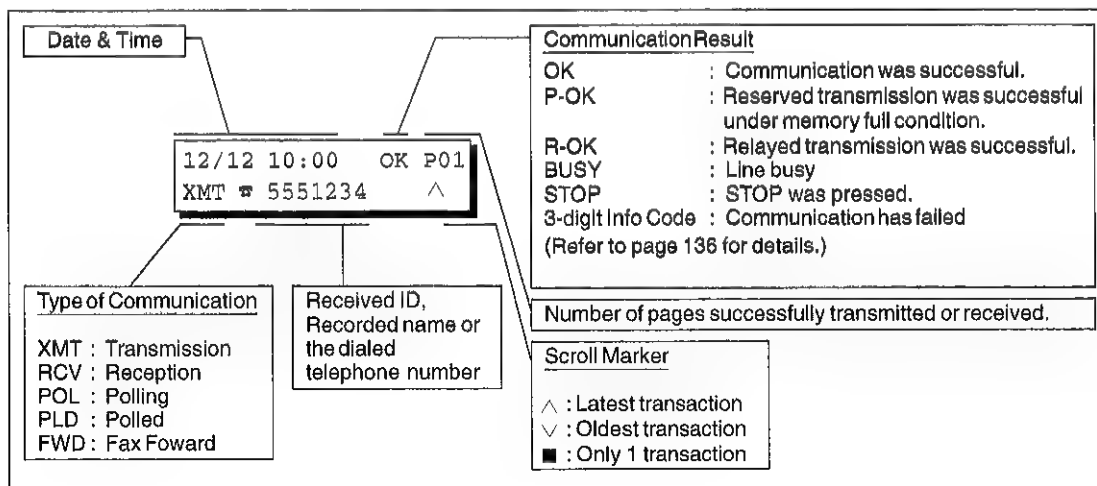
② to view all transactions

Ex: ②

You can view the transactions in the journal by pressing

▼ or ▲. Press **STOP** to return to standby.

USE THE ∨ ∧ KEYS TO
SCROLL EACH RECORD



Note:

1. If you wish to disable the automatic print out of the Transaction Journal, change the setting of Fax Parameter No. 13 to "Invalid". (See page 35)

► Journals and Lists

Individual Transmission Journal (IND. XMT JOURNAL)

An Individual Transmission Journal contains the information on the latest transmission.

1



PRINT OUT (1-7)
ENTER NO. OR V ^

2



6:IND. XMT JOURNAL?
PRESS SET TO PRINT

3



* PRINTING *
IND. XMT JOURNAL

Journals and Lists

Sample Transaction Journal

| ***** -JOURNAL- ***** DATE 12-MAR-1999 ***** TIME 15:00 ***** | | | | | | | | | | |
|---|-------|---------|------|----------|-----|------------------|-----------------------------|-------|---------------|--|
| (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10) | (11) | (12) | |
| NO. | COMM. | PAGES | FILE | DURATION | X/R | IDENTIFICATION | DATE | TIME | DIAGNOSTIC | |
| 01 | OK | 005/005 | 001 | 00:00:22 | XMT | SERVICE DEPT. | 11-MAR | 17:35 | C0044903C0000 | |
| 02 | OK | 003 | 002 | 00:01:17 | RCV | 111 222 333 | 11-MAR | 17:41 | C0044903C0000 | |
| 03 | OK | 001 | 003 | 00:00:31 | XMT | ACCOUNTING DEPT. | 11-MAR | 17:50 | C0044903C0000 | |
| 04 | 630 | 000/005 | 004 | 00:00:00 | XMT | ☎ 342345676 | 11-MAR | 17:57 | 0800420000000 | |
| 05 | STOP | 000 | 005 | 00:00:34 | XMT | ☎ 12324567 | 11-MAR | 18:35 | 0210260200000 | |
| 06 | OK | 001/001 | 006 | 00:00:20 | XMT | ☎ 44567345 | 11-MAR | 18:44 | C8044B03C0000 | |
| 07 | 408 | *003 | 007 | 00:02:14 | XMT | ☎ 2345678 | 11-MAR | 18:55 | 0040440A30080 | |
| | | | | | | | | | | |
| 31 | OK | 002/002 | 050 | 00:00:31 | XMT | ☎ 0245674533 | 12-MAR | 08:35 | C8044B03C1000 | |
| 32 | OK | 003/003 | 051 | 00:01:32 | XMT | ☎ 0353678980 | 12-MAR | 08:57 | C8044B03C1000 | |
| | | | | | | | | | | |
| (13) -PANASONIC | | | | | | | | | | |
| ***** -HEAD OFFICE - ***** | | | | | | | | | | |
| (15) | | | | | | | (14) 201 555 1212- ***** | | | |

Sample Individual Transmission Journal (IND. XMT JOURNAL)

```

(1)
***** -IND. XMT JOURNAL- ***** DATE 12-MAR-1999 ***** TIME 15:00 *****
(2)

(10) (11)    DATE/TIME      = 12-MAR-1999 09:00

(3)          JOURNAL No.   = 21

(4)          COMM. RESULT  = OK

(5)          PAGE(S)       = 001

(7)          DURATION      = 00:00:16

(6)          FILE No.      = 010

(16)         MODE          = TRANSMISSION

(17)         DESTINATION   = [001] / 555 1234 /ABCDEFG

(18)         RECEIVED ID   =

(19)         RESOLUTION    = STD

(13)
-PANASONIC

*****-HEAD OFFICE ***** 201 555 1212- *****
(15) (14)

```

► Journals and Lists

Explanation of contents

- (1) Printout date
- (2) Printout time
- (3) Journal number
- (4) Communication result
 - : "OK" indicates that the communication was successful.
 - "BUSY" indicates that the communication has failed because of busy line.
 - "STOP" indicates that **STOP** was pressed during communication.
 - "M-OK" indicates that the substitute reception message in memory was not printed out.
 - "P-OK" indicates that memory overflow or document misfeeding occurred while storing the documents into memory for transmission but successfully stored document(s) was sent.
 - "R-OK" indicates that the Relayed XMT or Confidential Communication was successful.
 - "3-digit Info Code" (See page 136) indicates that the communication has failed.
- (5) Number of pages transmitted or received
 - : The 3-digit number is the number of pages successfully transmitted or received. When the documents are stored into memory, two 3-digit numbers will appear. The first 3-digit number represents the number of pages successfully transmitted. The second 3-digit number represents the total number of pages that were attempted to be transmitted.
 - Asterisk "*" indicates that the quality of some received copies was poor.
- (6) File number
 - : 001 to 999 (If the communication is stored into memory, a file number is assigned for each communication.)
- (7) Duration of communication
- (8) Type of communication
 - : "XMT" means Transmission
 - "RCV" means Reception
 - "POL" means Polling
 - "PLD" means Polled
 - "FWD" means Fax Forward
- (9) Remote station identification
 - : Name : Recorded name in One-Touch or ABBR Numbers or remote station's Character ID.
 - ☎ number : Dialed telephone number.
 - Number : Remote station's ID number.
- (10) Communication date
- (11) Communication Start time
- (12) Diagnostic
 - : For service personnel only
- (13) Own LOGO
 - : Up to 25 characters
- (14) Own ID number
 - : Up to 20 digits
- (15) Own Character ID
 - : Up to 16 characters
- (16) Type of communication
 - : Transmission or memory transmission
- (17) Destination
 - : If a One-Touch or ABBR was used for the transmission:
One-Touch or ABBR No./Telephone Number/Recorded Name
If not : Telephone number
- (18) Received remote station's ID
 - : Character ID or ID number
- (19) Resolution
 - : "STD" means standard resolution
 - "FINE" means fine resolution
 - "S-FINE" means super fine resolution

Communication Journal (COMM. JOURNAL)

The Communication Journal (COMM. JOURNAL) lets you verify whether the transmission or polling was successful. You may select the printout condition (Off/Always/Inc. only) in Function 8-1 or Fax Parameter No. 12.

Sample COMM. JOURNAL

***** - COMM. JOURNAL - ***** DATE 12-MAR-1999 **** TIME 15:00 *****

(1) MODE = MEMORY TRANSMISSION (2) START=12-MAR 14:50 (3) END=12-MAR 15:00

FILE NO.= 050 (4)

| (5) STN NO. | (6) COMM. | (7) ABBR NO. | (8) STATION NAME/TEL NO. | (9) PAGES | (10) DURATION |
|----------------|--------------|-----------------|-----------------------------|--------------|------------------|
| 001 | OK | <01> | SERVICE DEPT. | 001/001 | 00:01:30 |
| 002 | OK | <02> | SALES DEPT. | 001/001 | 00:01:25 |
| 003 | 407 | <03> | ACCOUNTING DEPT. | 000/001 | 00:01:45 |
| 004 | BUSY | ☎ | 021 111 1234 | 000/001 | 00:00:00 |

- PANASONIC -

***** - HEAD OFFICE - ***** - 201 555 1212 - *****

THE SLEREXE COMPANY LIMITED

SAPORS LANE . BOOLE . DORSET . BH 25 8 ER
TELEPHONE BOOLE (945 13) 51617 . TELEX 123456

Our Ref. 350/PJC/EAC

18th January, 1972.

Dr. P.N. Cundall,
Mining Surveys Ltd

... variations of print density ...
cause the photocell to generate an analogous electrical video signal.
This signal is used to modulate a carrier, which is transmitted to a
remote destination over a radio or cable communications link.

At the remote terminal, demodulation reconstructs the video
signal, which is used to modulate the density of print produced by a
printing device. This device is scanning in a raster scan synchronised
with that at the transmitting terminal. As a result, a facsimile
copy of the subject document is produced.

Probably you have uses for this facility in your organisation.

Yours sincerely,

Phil.

P.J. CROSS
Group Leader - Facsimile Research

7

► Journals and Lists

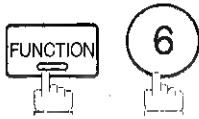
Explanation of contents

- (1) Indication of communication mode
- (2) Start time of communication
- (3) End time of communication
- (4) File number
 - : 001 to 999 (When the communication is stored into memory, ■ file number is assigned for each communication.)
 - : Sequential number of the Stations.
 - : "OK" indicates that the communication was successful.
 - "BUSY" indicates that the communication has failed because of busy line.
 - "STOP" indicates that **STOP** was pressed during communication.
 - "M-OK" indicates that the substitute reception message in memory was not printed out.
 - "P-OK" indicates that memory overflow or document misfeeding occurred while storing the documents into memory for transmission but successfully stored document(s) was sent.
 - "R-OK" indicates that the Relayed XMT or Confidential Communication was successful.
 - "3-digit Info Code" (See page 136) indicates that the communication has failed. In this case, the machine will print out the attached report with first page of your document as shown on the previous page.
- (7) Abbreviated number or ■ mark
 - : ■ mark indicates dialed by direct number dial.
- (8) Recorded name in One-Touch, ABBR or direct dialling number
- (9) Number of pages transmitted or received
 - : The 3-digit number is the number of pages successfully transmitted or received. When the documents are stored into memory, two 3-digit numbers will appear. The first 3-digit number represents the number of pages successfully transmitted. The second 3-digit number represents the total number of pages that were attempted to be transmitted.
- (10) Duration of Communication

One-Touch/Abbreviated and Directory Search List

To print a One-Touch/Abbreviated Number and Directory Search List of the telephone numbers you have stored.

1



PRINT OUT (1-7)
ENTER NO. OR V ^

2



2:ONE-TCH/ABBR LIST?
PRESS SET TO PRINT

3



1:ONE-TOUCH/ABBR NO.
2:DIR. SEARCH

4



for One-Touch/ABBR Number List

* PRINTING *
ONE-TOUCH/ABBR LIST



for Directory Search List

* PRINTING *
DIR. SEARCH LIST

7
==

Journals and Lists

Sample One-Touch List

```
***** -ONE-TOUCH LIST- ***** DATE 12-MAR-1999 ***** TIME 15:00 *****
```

| (1) | (2) | (3) | (5) | (6) | (7) | (8) |
|-----------|-----------------|---------------|-----------------|---------------|---------------|----------------|
| ONE-TOUCH | STATION NAME | TELEPHONE NO. | NETWORK ADRS | RELAY STN. | RELAY ADRS | ONE STN XMT |
| <01> | SERVICE DEPT. | 121 555 1234 | 2000 | YES | 20 | DIRECT |
| <02> | SALES DEPT. | 222 666 2345 | 2001 | NO | 20 | DIRECT |
| <03> | ACCOUNTING DEPT | 313 333 3456 | 2002 | NO | 20 | DIRECT |

NO. OF STATIONS = 003 (4) (see Note 1)

OWN TELEPHONE NO.=12345678 (9)
OWN NETWORK ADDRESS=1000 (10)
NETWORK PASSWORD=9999 (11)

(see Note 1)

-PANASONIC -

```
***** -HEAD OFFICE - ***** 201 555 1212- *****
```

Sample ABBR Number List

```
***** -ABBR NO. LIST- ***** DATE 12-MAR-1999 ***** TIME 15:00 *****
```

| (1) | (2) | (3) | (5) | (6) | (7) | (8) |
|----------|-----------------|---------------|-----------------|---------------|---------------|----------------|
| ABBR NO. | STATION NAME | TELEPHONE NO. | NETWORK ADRS | RELAY STN. | RELAY ADRS | ONE STN XMT |
| [001] | ENG. DEPT. | 888 555 1234 | 3000 | YES | 30 | DIRECT |
| [002] | PURCHASE DEPT. | 999 666 2345 | 3001 | NO | 30 | DIRECT |
| [003] | REGULATION DEPT | 777 333 3456 | 3002 | NO | 30 | DIRECT |

NO. OF STATIONS = 003 (4) (see Note 1)

OWN TELEPHONE NO.=12345678 (9)
OWN NETWORK ADDRESS=1000 (10)
NETWORK PASSWORD=9999 (11)

(see Note 1)

-PANASONIC -

```
***** -HEAD OFFICE - ***** 201 555 1212- *****
```



Note:

1. This information will be printed if the setting of Fax Parameter No.40 (RELAY XMT REQUEST) is set to "Valid".

Sample Directory Search List

***** -DIR. SEARCH LIST- ***** DATE 12-MAR-1999 ***** TIME 15:00 *****

| (12) | (2) | (1) | (3) | (5) | (6) | (7) | (8) |
|------|-----------------|-------|---------------|---------|-------|-------|---------|
| | STATION NAME | ABBR | TELEPHONE NO. | NETWORK | RELAY | RELAY | ONE STN |
| | | NO. | | ADRS | STN. | ADRS | KMT |
| [A] | ACCOUNTING DEPT | <03> | 313 333 3456 | 2002 | NO | 20 | DIRECT |
| [E] | ENG. DEPT. | [001] | 888 555 1234 | 3000 | YES | 30 | DIRECT |
| [P] | PURCHASE DEPT | [002] | 555 666 2345 | 3001 | NO | 30 | DIRECT |
| [R] | REGULATION DEPT | [003] | 777 333 3456 | 3002 | NO | 30 | DIRECT |
| [S] | SALES DEPT. | <01> | 121 555 1234 | 2000 | YES | 20 | DIRECT |
| | SERVICE DEPT | <02> | 222 666 2345 | 2001 | NO | 20 | DIRECT |

(see Note 1)

NO. OF STATIONS = 006 (4)

OWN TELEPHONE NO. = 12345678 (9)
OWN NETWORK ADDRESS = 1000 (10)
NETWORK PASSWORD = 9999 (11)

(see Note 1)

-PANASONIC

***** -HEAD OFFICE - ***** 201 555 1212 - *****

Explanation of contents

- | | |
|--|--|
| (1) One-Touch number or Abbreviated number | : <nn>= One-Touch number, [nnn] = Abbreviated number |
| (2) Station name recorded in the machine | : Up to 15 characters |
| (3) Telephone number recorded in the machine | : Up to 36 digits |
| (4) Number of recorded One-Touch and ABBR numbers | |
| (5) Network Address | : 4-digit |
| (6) Relay Station | : Yes/No |
| (7) Relay Address | : 2-digit |
| (8) One Station XMT | : Relay/Direct |
| (9) Own telephone number | : Up to 36 digits |
| (10) Own Network Address | : 4-digit |
| (11) Network Password | : 4-digit |
| (12) The first letter of station name recorded in your machine | |



Note:

1. This information will be printed if the setting of Fax Parameter No. 40 (RELAY XMT REQUEST) is set to "Valid".

► Journals and Lists

Program List

To print ■ Program List of the Dialling Patterns that you have previously entered into the Program Keys.

1



PRINT OUT (1-7)
ENTER NO. OR V ^

2



3:PROGRAM LIST?
PRESS SET TO PRINT

3



* PRINTING *
PROGRAM LIST

Sample Program List

***** -PROGRAM LIST- ***** DATE 12-MAR-1999 ***** TIME 15:00 *****

| (1) PROGRAM | (2) PROGRAM NAME | (3) TYPE | (4) TIMER | (5) ABBR NOS. |
|----------------|---------------------|-------------|--------------|------------------|
| [P1] | TIMER XMT | XMT | 12:00 | [001] |
| [P2] | TIMER POLL | POLL | 19:00 | [002] |
| [P3] | PROG. A | POLL | ----- | [001] [002] |

-PANASONIC -

***** -HEAD OFFICE - ***** 201 555 1212- *****

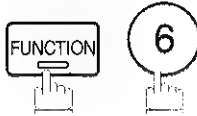
Explanation of contents

- (1) Program key
- (2) Program name : Up to 15 characters
- (3) Type of communication : "XMT" indicates transmission.
"POLL" indicates polling.
"ABBR/GRP" indicates that the Program key is programmed as ■ group key.
"ONE-TOUCH" indicates that the Program key is programmed as ■ One-Touch key.
- (4) Timer : Indicates the starting time.
"----" indicates that the Program key contains "non-deferred" program.
- (5) Numbers recorded in the program : One-Touch/ABBR numbers

FAX Parameter List

To print out a FAX Parameter List:

1



PRINT OUT (1-7)
ENTER NO. OR V ^

2



4:FAX PARA. LIST?
PRESS SET TO PRINT

3



* PRINTING *
FAX PARAMETER LIST

7

Sample FAX Parameter List

| | | | | | | | |
|--|--------------------|------------------|-----------|-----------|---------------------------|----------------------------|--|
| ***** -FAX PARAMETER LIST- ***** DATE 12-MAR-1999 ***** TIME 15:00 ***** | | | | | | | |
| (1) PARAMETER NUMBER | (2) DESCRIPTION | (3) SELECTION | | | (4) CURRENT SETTING | (5) STANDARD SETTING | |
| 01 | CONTRAST (HOME) | {1:Normal | 2:Lighter | 3:Darker) | 1 | 1 | |
| 02 | RESOLUTION (HOME) | {1:Standard | 2:Fine | 3:S-Fine) | 2 | 1 | |
| 04 | STAMP (HOME) | {1:Off | 2:On) | | 1 | 1 | |
| | | | | | | | |
| 99 | MEMORY SIZE | | | | (1MB + 2MB) | (6) | |
| | | | | | | | |
| -PANASONIC - | | | | | | | |
| ***** -HEAD OFFICE - ***** 201 555 1212- ***** | | | | | | | |

Explanation of contents

- | | | |
|----------------------|---|---|
| (1) Parameter number | (4) Current setting | : "----" indicates code or password is not set. When the code or password is set, it is shown in parenthesis. |
| (2) Description | : "(HOME)" means home position setting. | (5) Standard setting : Factory preset standard setting |
| (3) Selection | (6) Memory sizes | : (Base memory + option memory) |



This page is intentionally left blank.

If You Have Any of These Problems

| Mode | Symptom | Cause / Action | page |
|------------------------------|---|---|-----------------|
| During Standby | The display is blinking | The battery is not installed or the battery is completely discharged. Install a New battery and reset the clock. | 25 145 |
| | Document doesn't feed/ multiple feed | 1. Check that your document is free of staples and paper clips, and that it is not greasy or torn. 2. Check that your document is the right type to send through a fax machine by consulting the list on "Documents You Cannot Send". If your document has the characteristics listed, make a photocopy of your document and send the copy instead. 3. Check that the document is loaded properly. 4. Adjust the ADF Pressure. | 39 40 143 |
| During Transmission | Document jam | The information code 031 will appear on the display if the document becomes jammed. | 140 |
| | Does not stamp | 1. Check if Stamp LED is lit. 2. Check Fax parameter No. 04 and No. 28 settings. | 42 35,36 |
| | Stamp too light | Replace stamp or refill ink. | 144 |
| | Vertical lines on the transmitted document | Check own copy quality. If copy is OK, your machine has no problem, report to the receiving party that they have a problem. If copy is No Good, clean the Document Scanning Area. | 141 |
| Transmission Copy Quality | Transmitted document is blank | 1. Make sure the document is set face down. 2. Check own copy quality. If copy is OK, your machine has no problem, report to the receiving party that they have a problem. If copy is No Good, clean the Document Scanning Area. | 141 |
| | No recording paper | The information code 010 will appear on the display if the paper runs out. | 18 |
| During Reception | Recording paper jam | The information code 001 or 002 will appear on the display if the paper gets jammed. | 139 |
| | Recording paper doesn't advance into machine | Make sure that there is paper in the Paper Cassette. Follow the instructions for loading paper. | 18 |
| | Recording paper doesn't eject after printing | Check to see if the recording paper is jammed inside of the machine. | 139 |
| | Recording papers are not stacked in sequence. Machine does not print from the last page received. | 1. Check if Fax Parameter No. 65 is set to valid. 2. If memory becomes full during reception, the machine will start to print from the 1st page received. We recommend that optional flash memory card is installed if this symptom occurs frequently. | 38 151 |
| | Document auto reduction doesn't work | Check Print Reduction settings. | 65 |
| | Out of toner | The information code 041 will appear on the display if the Toner Cartridge runs out of toner. | 16 |
| | | | |

► Troubleshooting

| Mode | Symptom | Cause / Action | page |
|---------------------------|---|--|-----------|
| Print Copy Quality | Vertical lines printing on the received document | Print out a Journal report (e.g. FUNCTION, 6, 1, SET and 1) and check quality to make sure whether your machine has trouble. If Journal report quality is OK, your machine has no problem, report to the sending party that they have a problem. If copy is No Good, replace the Toner Cartridge. | 121 16 |
| | Fuzzy print | 1. Make sure you are using the correct paper for the best possible print quality. 2. Try reversing the recording paper to the other side. | 150 |
| | Missing dots or lines/ inconsistent darkness within print | 1. Make sure you are using the correct paper for the best possible print quality. 2. Replace the Toner Cartridge. | 150 16 |
| | Fading print | Your Toner Cartridge may be running out of toner. Replace the Toner Cartridge. | 16 |
| | Faint print | You may need to choose a different paper for the best possible print quality. | 150 |
| Communication | No dial tone | 1. Check the connection of the telephone line. 2. Check the telephone line. | 146 |
| | No auto answer | 1. Check the connection of the telephone line. 2. Check the Reception mode setting. 3. If the Fax Parameter No. 13 (AUTO JOURNAL PRINT) is set to "Valid" (default setting) and the machine is printing the received document from memory, which also happens to be the 32th transaction, the machine will not auto answer until the Transaction Journal completes printing. | 146 60 |
| | Cannot transmit or receive | An information code will be shown on the display. Refer to the information code table to find out the trouble. | 136 |
| No Unit Operation | No unit operation | To reset the machine, unplug the Power Cord for a few seconds then plug it in again. | 22 |

| Mode | Symptom | Cause / Action | page |
|--|---|--|------|
| TAM Interface Trouble In Unattended TAM I/F Mode (OUT Mode) | Cannot utilize the remote turn-on feature of the telephone answering machine (TAM). The fax machine always answers after the 8th ring. | This feature is not compatible. The fax machine is designed to answer after 8 rings if the TAM does not answer. | -- |
| | Fax machine will not start up when the telephone answering machine is set to give only an outgoing message (OGM). | TAM that gives outgoing announcement only is not compatible. The fax machine will work with a TAM that will record Incoming message (ICM). | -- |
| | A beep...beep sound is recorded on the telephone answering machine. | Speak a little slower between each word while recording an outgoing message (OGM). | -- |
| | Fax machine starts up in the middle of the outgoing message even though the caller wants to leave a voice message. | Make sure the outgoing message (OGM) does not have a silent pause longer than 5 seconds. | -- |
| | Cannot record any incoming message (ICM). The fax machine always starts up at the end of the OGM and before the tape advances to the end of last ICM. (Your TAM only uses a single cassette tape to give OGM and record ICM.) | Set Fax Parameter No. 20 (Silent Detection) to "Invalid". And, instruct the calling party to press  twice on their touch-tone phone during the OGM to start up your fax machine remotely. | 36 |
| | Cannot receive from ■ machine that does not send CNG signal (a short beep tone every 3 seconds) after dialling. | Set Fax Parameter No. 20 (Silent Detection) to "Valid". Or, instruct the calling party to press  twice on their touch-tone phone during the OGM to start up your fax machine remotely. | 36 |
| | Cannot retrieve message from the answering machine remotely, the fax machine always starts up after the command code is entered. | Set Fax Parameter No. 20 (Silent Detection) to "Invalid". | 36 |
| | Cannot receive ■ fax message, but can record voice message. | Check your outgoing message, if it is too long, the calling fax machine may have timed out. Try to shorten your outgoing message to less than 15 seconds, or ask the calling party to program your telephone number in their fax machine with 3 pauses and a "#" at the end. (ex. 5551212 PAUSE PAUSE PAUSE #) | -- |
| TAM Interface Trouble In Unattended Fax Mode (OUT Mode) | Fax machine will not start to receive with the telephone answering machine in the auto-answer mode. | Increase the ring count for detection on the telephone answering machine. | -- |

► Troubleshooting

Information Codes

When something unusual occurs, the display may show one of the Information Codes listed below. These will help you to identify and correct the problem.

| Info. Code | Meaning | Action | Page |
|------------|---|---|------------------|
| 001 | Recording paper jammed when feeding from the 1st cassette. | Remove jammed paper. | 139 |
| 002 | Recording paper jammed when feeding from the 2nd cassette. | Remove jammed paper. | 139 |
| 007 | Recording paper did not completely exit out of machine. | Remove the Toner Cartridge and remove the jammed paper. | 139 |
| 008 | Paper cassette is opened while paper is feeding. | Remove the jammed paper and close the cassette. | 139 |
| 010 | No recording paper. | Load the recording paper. | 18 |
| 011 | Recording Paper Cassette is not installed properly. | Install the Recording Paper Cassette. | -- |
| 026 | The backup battery is getting weak. | Replace the battery, otherwise, the clock contents may be lost. | 145 |
| 030 | Document is misfeeding. | 1. Reload the document properly. 2. Remove the document jam. 3. Adjust ADF. | 40 140 143 |
| 031 | Document paper is too long or jammed. Document length exceeds 2 meters. | 1. Reload the document properly. 2. Remove document jam. | 40 140 |
| 041 | Out of toner. | Replace the Toner Cartridge. | 16 |
| 043 | Toner is getting low. | | |
| 045 | Toner Cartridge is not installed. | Install the Toner Cartridge. | 16 |
| 060 | Printer Cover is open. | Close the Printer Cover. | -- |
| 061 | ADF Door is open. | Close the ADF Door. | -- |
| 400 | During initial handshake, receiving station did not respond or communication error occurred. | 1. Check with the other party. 2. Reload the document and send again. | -- |
| 401 | Remote station required a Receiving Password to receive the document. Remote station does not have Confidential Mailbox. Remote station requires the sending unit's ID Number. (Fax Telephone Number) | Check the remote station. Program your ID Number (Fax Telephone Number). (See page 28) | -- |
| 402 | During initial handshake, communication error occurred. | Reload the document and send again. | -- |
| 403 | No polling capability at the remote side. | Ask remote side to set "POLLED=ON". | -- |
| 404/405 | During initial handshake, communication error occurred. | Reload the document and send again. | -- |

| Info. Code | Meaning | Action | Page |
|--------------------|--|---|----------------|
| 406 | Transmission Password does not match. Receiving Password does not match. Received from an unauthorized station in Selective Reception mode. | Check the password or the telephone number in One-Touch or Abbreviated station. | 95 97 98 |
| 407 | No confirmation from the receiving station for the previous page sent. | Wait a few minutes and send again. | -- |
| 408/409 | Remote side confirmation of previous page is illegible. | Wait a few minutes and send again. | -- |
| 410 | Communication aborted by the transmitting side. | Check with the other party. | -- |
| 411 | Polling password does not match. | Check the polling password. | 71 |
| 412 | No data from the transmitting side. | Check with the other party. | -- |
| 414 | Polling password does not match. | Check the polling password. | 71 |
| 415 | Polling transmission error. | Check the polling password. | 71 |
| 416/417 418/419 | Received data has too many errors. | Check with the other party. | -- |
| 420/421 | Machine goes to receiving mode, but receives no command from the transmitting side. | 1. Remote side misdial. 2. Check with the other party. | -- |
| 422/427 | Interface is incompatible. | Check with the other party. | -- |
| 430/434 | Communication error occurred while receiving. | Check with the other party. | -- |
| 436/490 | Received data has too many errors. | Check with the other party. | -- |
| 456 | <ul style="list-style-type: none"> Unit received a confidential document or was requested to be polled of a confidential document under any of the following conditions. <ol style="list-style-type: none"> Not enough space in memory to receive the confidential document. Confidential Mailbox is full. While printing received document. Unit was requested to relay a document. | 1. Print a File List and check the contents. 2. Wait until unit finishes printing. | 80 |
| 492/493 494 | Communication error occurred while receiving. | Check with the other party. | -- |
| 495 | Telephone line disconnected. | Check with the other party. | -- |
| 501/502 | Communication error occurred using the internal V.34 Modem. | Check with the other party. | -- |

► Troubleshooting

| Info. Code | Meaning | Action | Page |
|---------------------------|---|--|-----------|
| 540/541 542 543/544 | Communication error occurred while transmitting. | 1. Reload the document and send again. 2. Check with the other party. | -- |
| 550 | Telephone line disconnected. | Check with the other party. | -- |
| 552/553 554/555 | Communication error occurred while receiving. | Check with the other party. | -- |
| 580 | Sub-address transmission to a unit that has no Sub-address function. | Check the remote station. | 118 |
| 581 | Sub-address Password transmission to a unit that has no Password Sub-address function. | Check the remote station. | 118 |
| 601 | ADF Door was opened during ADF transmission. | Close the ADF Door and send again. | 140 |
| 623 | No document loaded on the ADF. | Reload the document and send again. | -- |
| 630 | Redial was not successful due to a busy line. | Reload the document and send again. | -- |
| 631 | During dialling, STOP was pressed. | Reload the document and send again. | -- |
| 634 | Redial was not successful due to no response from the called station, wrong number dialed or busy tone was not detected. Note: If busy tone is not detected, the machine will only redial once. | Check the telephone number and send again. | -- |
| 638 | Power failure occurred during the communication. | Check the power cord and plug. | 22 |
| 800 - 816 825 | Parameter setting for Confidential Network or Relay communication is not properly set. | Verify your Confidential Network and Relay communication parameter settings. | 108 |
| 870 | Memory overflow occurred while storing documents into memory for transmission. | 1. Transmit documents without storing into memory. 2. Install Optional Memory Card. | 51 151 |



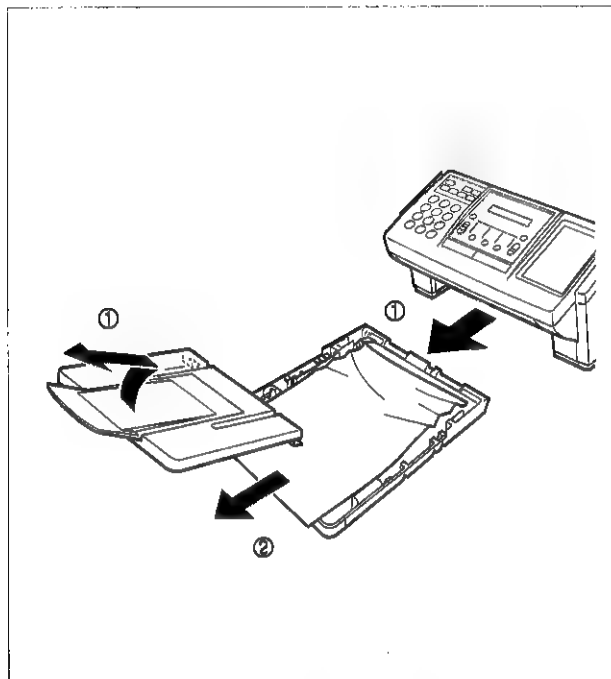
Note:

1. After identifying the problem and verifying the recommended action, if the information Codes keep reoccurring or for help on Information Codes that appear on your machine but are not listed above, please contact your local Panasonic Authorized Dealer.

Clearing a Recording Paper Jam

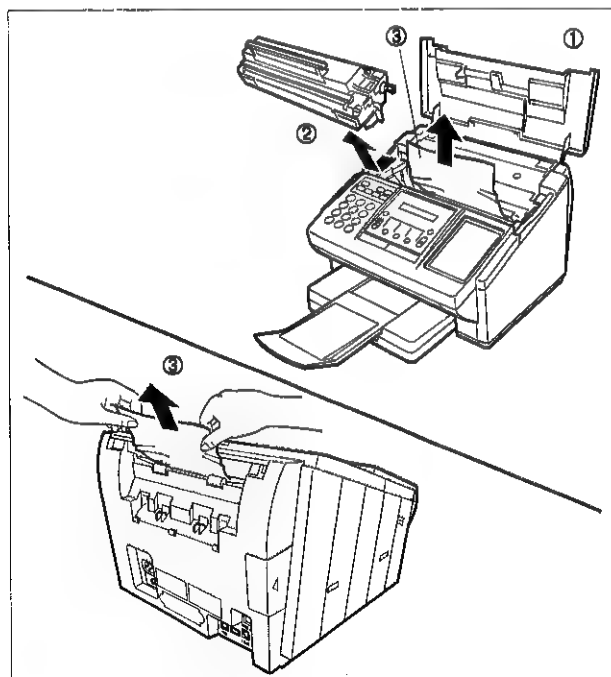
If the recording paper becomes jammed in the machine, the display will show an Information Code 001 or 007.

To clear the jam, Info. Code 001



- (1) Slide out the Paper Cassette and remove the Paper Cassette Cover.
- (2) Remove the jammed or wrinkled paper and reload the recording paper into the paper cassette.

To clear the jam, Info. Code 007



- (1) Open the Printer Cover.
- (2) Remove the Toner Cartridge.
- (3) Remove the jammed paper.

Note: 1. If at all possible, try removing the jammed paper from inside of the unit first (as shown in the upper figure) to prevent toner that has not been fused on the paper from rubbing off and soiling the Fuser Roller.

2. To remove the jammed paper from the rear of the unit (as shown in the lower figure), remove the Recording Paper Tray Assembly first and gently pull the jammed paper straight out; taking care not to tear it.



Note:

1. The Recording Paper Jam message display is reset only by opening and closing of the Printer Cover.

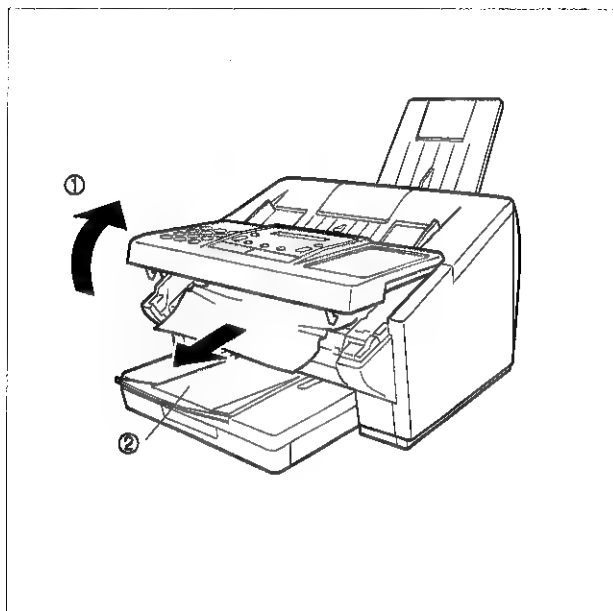
► Troubleshooting

Clearing a Document Jam

If a document becomes jammed in the machine, the display will show the Information Code 030 or 031.

To clear the jam:

1



(1) Open the ADF Door.

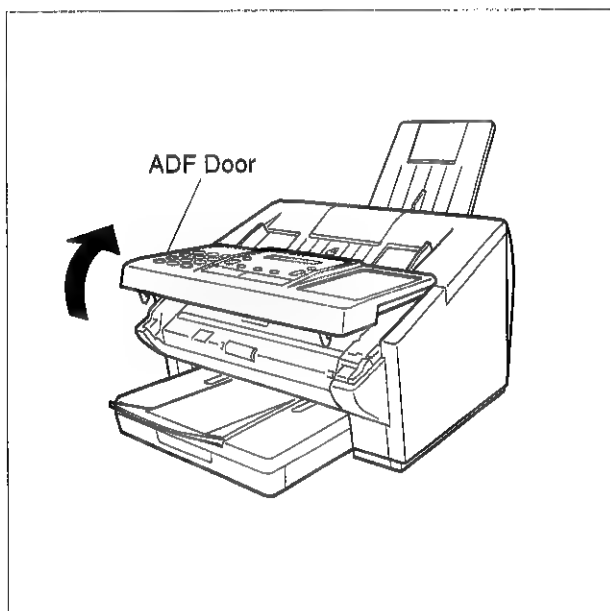
(2) Remove the jammed document.

Cleaning the Document Scanning Area

If the receiving party reports that the received documents were black, or contained black lines, try making a copy on your unit to verify. If the copy is black or has black lines, the document Scanning Area is probably dirty and must be cleaned.

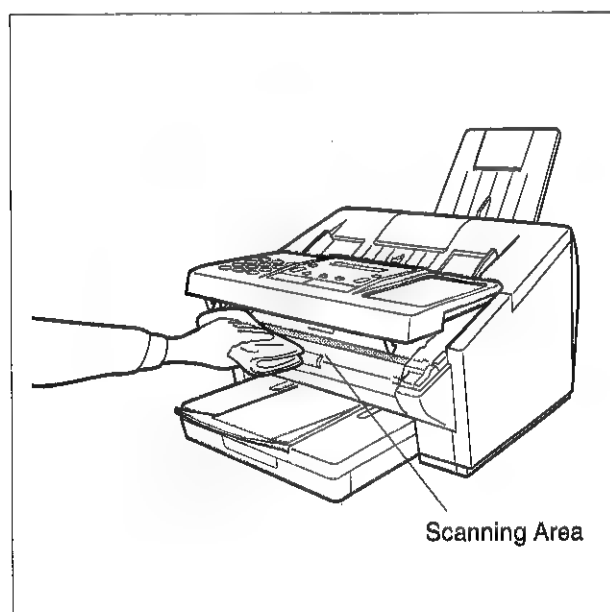
To clean the Scanning Area:

1



Open the ADF Door.

2



Wipe the Scanning Area gently with a soft cloth gauze wet with ethyl alcohol. Be sure to use a clean cloth, the scanning area can be easily scratched.

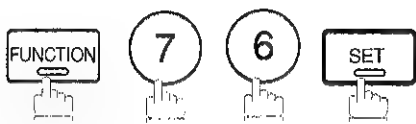
► Troubleshooting

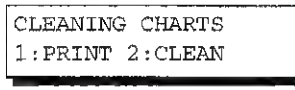
Cleaning the Printer Roller

If you find toner on the back of the recording paper, the printer roller in the fuser unit is probably dirty.


To clean the printer roller:

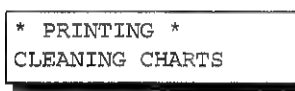
1



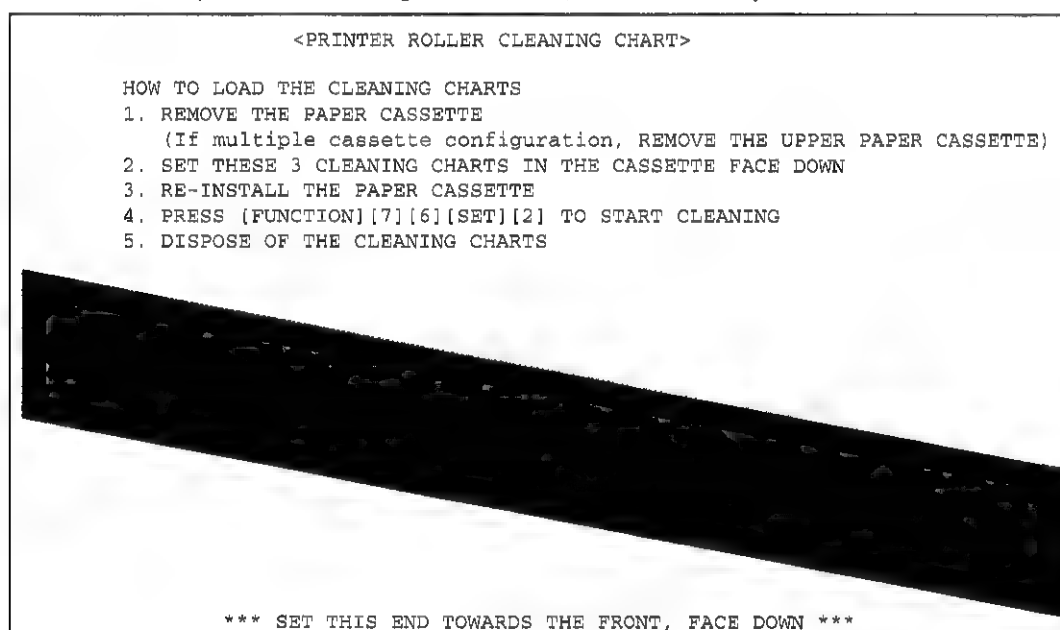


2



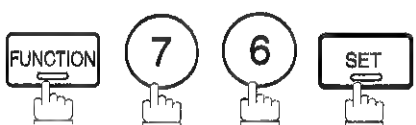


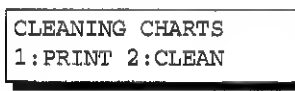
The machine will print out 3 Cleaning Charts. Then, return to standby.




3 Load the Cleaning Charts into the cassette face down.
(See Note 1)

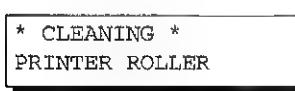
4





5





The Machine will feed out the charts and clean the printer roller.



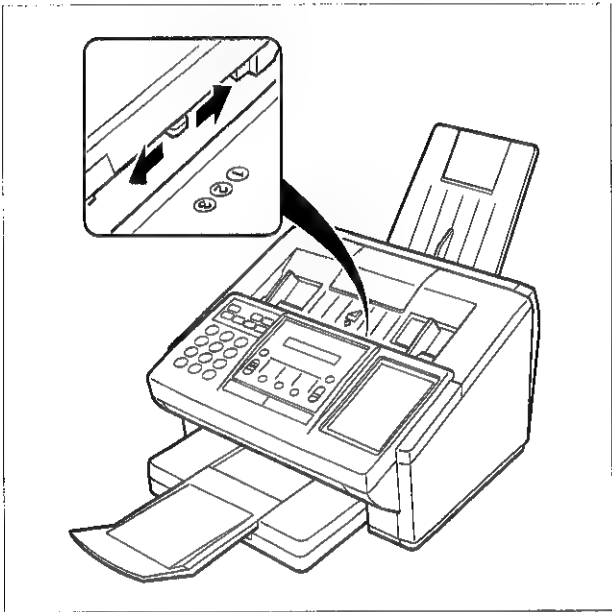
Note:

1. If you have installed the optional cassette, load the Cleaning Charts into the upper cassette.

Adjusting the Automatic Document Feeder (ADF)

If document misfeeding occurs frequently, we suggest you adjust the ADF.

To adjust the ADF:



Slide the Pressure Adjusting Lever to the desired position depending on the condition.

| Position | Condition |
|----------|----------------------------------|
| ① | To prevent no feed trouble |
| ② | Standard position |
| ③ | To prevent multiple feed trouble |

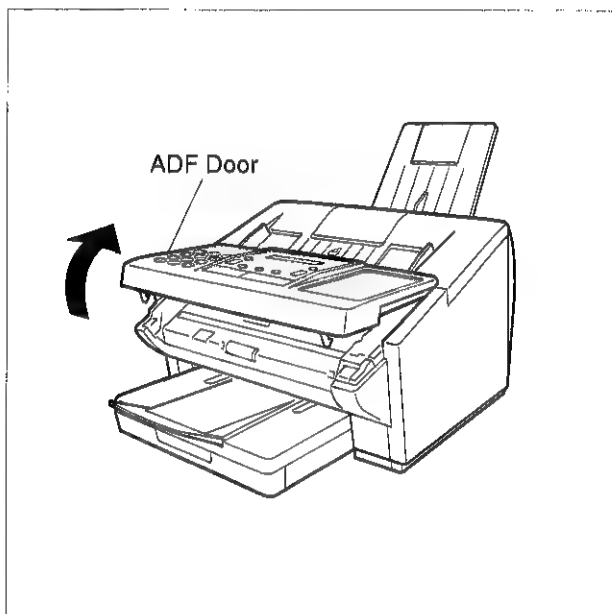
► Troubleshooting

Verification Stamp

The Verification Stamp contains ink. When the stamp mark appears faded or hard to see, the stamp should be replaced or refilled with ink.

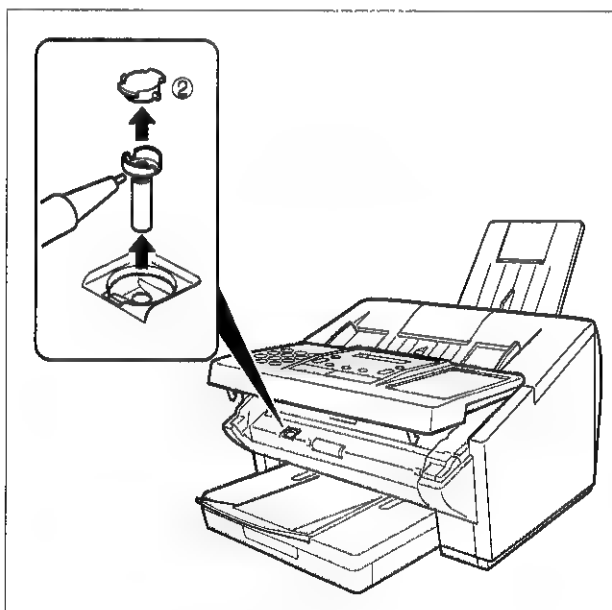
To remove the stamp:

1



Open the ADF Door.

2



(1) Remove by pulling the Stamp Assembly upward.

(2) Remove the Stamp. Replace the stamp with a new one.



Note:

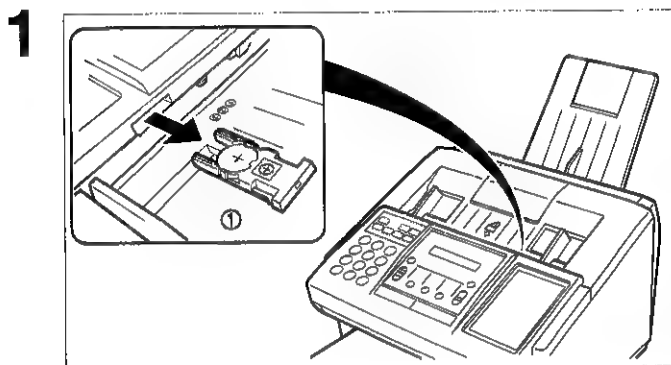
1. Please contact your local Panasonic dealer to purchase a new stamp. See page 152 for order number.

Replacing the Lithium Battery

During the initial self test, when the power is turn "On", the machine will evaluate the condition of the back up battery. If the battery is weak or fully discharged, the following message will be shown on the display.

REPLACE BATTERY
INFO. CODE=026

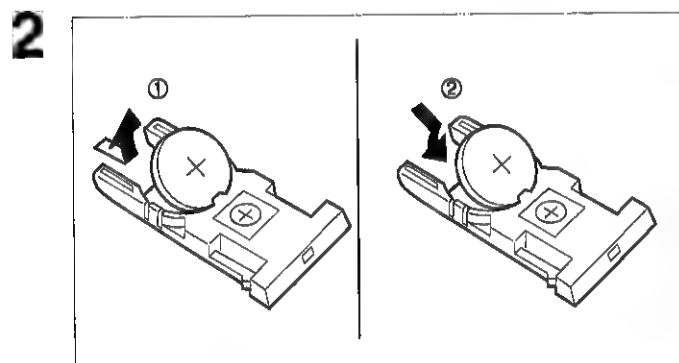
To replace the battery, follow the procedure below:



- (1) Remove the Battery Holder.
(If the Battery Holder does not come out easily, open the Printer Cover and try again.)

CAUTION

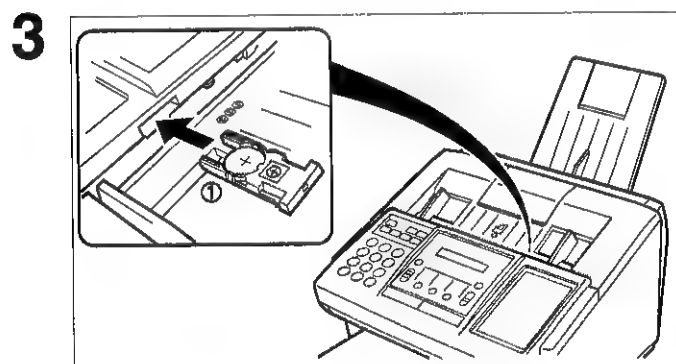
Dispose of the Lithium Battery properly and keep it away from small children.



- (1) Remove the Battery from the Battery Holder.
(2) Install the new Battery into the Battery Holder with the ⊕ side facing upwards.
(Order No.: CR2032)

CAUTION

When replacing the battery make sure to observe the polarity to avoid damage to the machine.



- (1) Re-Install the Battery Holder.

- 4** If the clock is flashing on the LCD Display, follow the procedure on page 25 to reset the clock.



Note:

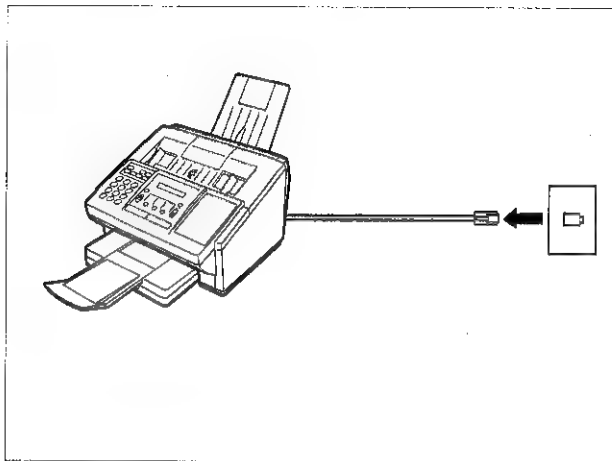
1. The service life of the battery is approximately 1 year when the machine is turned "Off".

► Troubleshooting

Checking the Telephone Line

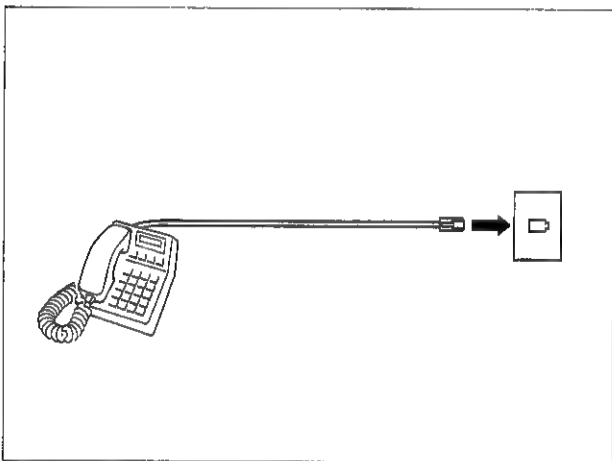
When you do not hear a dial tone through the telephone connected to the machine or when the telephone does not ring (No automatic receive).

1



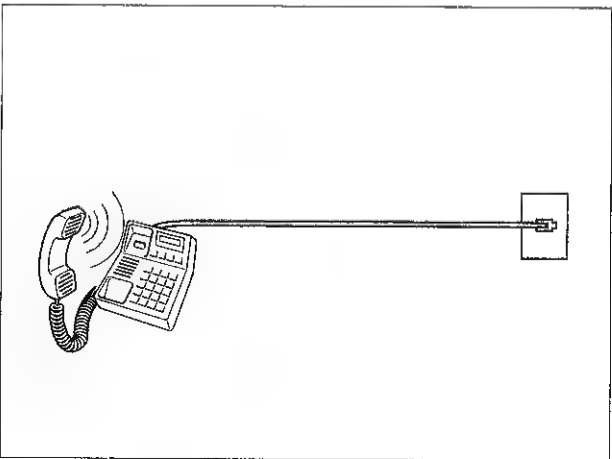
Unplug the Telephone Line Cable from the telephone jack that was supplied by the telephone company.

2



Plug a different regular telephone into the same telephone jack.

3



Check for dial tone through the handset. If there is still no dial tone, report it to your local telephone company.

or

Call from another telephone to this number. If the telephone does not ring, report it to your local telephone company.

| | |
|---|--|
| Compatibility | ITU-T Group 3 |
| Coding Scheme | MH, MR, MMR (Conforms to ITU-T Recommendations) |
| Modem Type | ITU-T V.34, V.17, V.29, V.27 ter and V.21 (ITU-T V.34 available only on UF-595) |
| Modem Speed | UF-595 : 33600 - 2400 bps UF-585 : 14400 - 2400 bps |
| Document Size | Max. : 257 x 2000 mm (with operator's assistance) Min. : 148 x 128 mm |
| Document Thickness | Single page : 0.06mm (45 g/m ²) to 0.15mm (112 g/m ²) Multiple pages : 0.06mm (45 g/m ²) to 0.12mm (75 g/m ²) |
| ADF Capacity (Automatic Document Feeder) | Built-in, up to 30 Sheets Note : The document limitation to send multiple pages is as follows. |

| | Document Size | Document Thickness |
|-----------------|---------------------|--------------------|
| Up to 20 pages | Up to 257mm x 364mm | 0.06mm to 0.12mm |
| Up to 30 pages* | A4 size | 0.06mm to 0.10mm |

* Please note that although the size and thickness meets the specifications, you might not be able to set 30 pages with some types of papers.

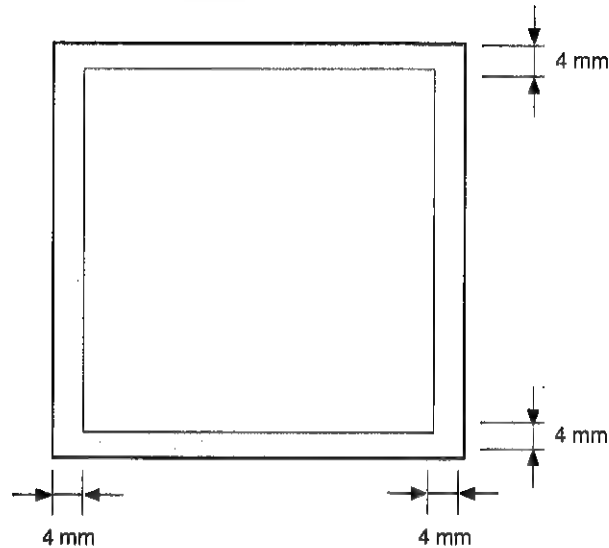
| | | | | |
|--------------------------|--|------------------------------|---|-----------------|
| Scanning Method | Sheet Feeding with CCD type image sensor | | | |
| Effective Scanning Width | 208 mm | | | |
| Scanner Resolution | | <u>Horizontal</u> | | <u>Vertical</u> |
| | Standard | 8 pels/mm | × | 3.85 lines/mm |
| | Fine | 8 pels/mm | × | 7.7 lines/mm |
| | Super Fine | | | |
| | [UF-585] | 8 pels/mm | × | 15.4 lines/mm |
| | [UF-595] | 16 pels/mm (Interpolated) | × | 15.4 lines/mm |
| Recording Method | Laser printer | | | |
| Recording Paper | Plain Paper | | | |
| Recording Paper Size | Letter, A4 or Legal | | | |
| Printer Resolution | | | | |
| | (Fax/Copy) | 203 × 391 dpi (UF-585) | | |
| | | 406 × 391 dpi (UF-595) | | |
| | (Printer) | 300 × 300 dpi | | |
| | | 600 × 600 dpi (UF-595 only) | | |

► Specifications

Effective Recording Size

| | |
|--------|----------------|
| Letter | : 208 x 271 mm |
| A4 | : 202 x 289 mm |
| Legal | : 208 x 348 mm |

Print Margin
(See Note 1)



Recording Paper Capacity

Approx. 250 sheets (75 g/m² paper)

**One-Touch/Abbreviated
Dialling Memory Capacity**

100 stations

(including 24 One-Touch keys and 4 Program keys)

Each station can register up to 36 digits for each telephone number (including pauses and spaces) and up to 15 characters for each station name

Image Memory Capacity

| | UF-585/595 |
|------------------------------------|------------|
| Base Memory | 60 pages |
| with 1 MB Flash Memory Card | 140 pages |
| with 2 MB Flash Memory Card | 220 pages |
| with 4 MB Flash Memory Card | 380 pages |

(Based on ITU-T Image No.1 using Standard Resolution)



Note:

1. The left and right print margin is 5.5mm when printing a A4 size document with 600 dpi from a PC using the Parallel Port Interface Kit.

Power Supply 180-264 VAC, 47-63 Hz, Single Phase: 200V version

Power Consumption

| | <u>UF-585</u> | <u>UF-595</u> |
|------------------------------|------------------|-----------------|
| Standby (Sleep Mode : On) | Less than 0.8 Wh | Less than 0.8Wh |
| Standby (Energy-Saver : On) | Approx. 6.0 Wh | Approx. 7.0 Wh |
| Standby (Energy-Saver : Off) | Approx. 24 Wh | Approx. 25 Wh |
| [Room temperature : 25°C] | | |
| Transmission | Approx. 16 W | Approx. 17 W |
| Reception | Approx. 450 W | Approx. 450 W |
| Copy | Approx. 450 W | Approx. 450 W |
| Max | Approx. 470 W | Approx. 470 W |

Dimensions 370 (W) x 430 (D) x 250 (H) mm
(excluding Projections and optional Paper Cassette)

Weight Approx. 8.5 kg
(excluding consumable supplies and options)

Operating Environment Temperature : 10 to 35°C
Relative Humidity : 15 to 70%

► Recording Paper Specifications

In general, most bond papers will produce excellent results. Most photocopy papers will also work very well. There are many "name" and "generic" brands of paper available. We recommend that you test various papers until you obtain the results you are looking for.

The following table summarizes the major specifications to consider when selecting white or colored paper.

| | |
|----------------------------|---|
| Basic Weight | 60 to 90 g/m ² |
| Cut Edge Conditions | Cut with sharp blades, no visible frayed edges |
| Grain | Long grain |
| Moisture Content | 3.7% to 5.3% by weight |
| Opacity | 88% minimum |
| Packing | Polylaminated moisture-proof ream wrap |
| Sizes | A4 : 210 mm x 297 mm Letter : 216 mm x 279 mm Legal : 216 mm x 356 mm |
| Type | Cut sheet |



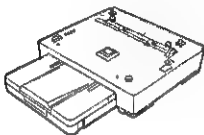
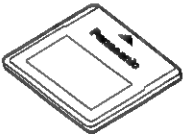
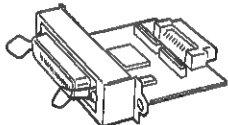
Note:

1. It is possible that the paper could meet all of the specifications listed above and still not print well because of the variations in paper manufacturing. Therefore, we recommend that you test the paper thoroughly before purchasing large quantities.

Options and Supplies◀


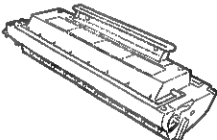
Please contact your local Panasonic dealer for availability.

A. Options:

| Order No. | Picture | Description | Available Models |
|-----------|--|--|------------------|
| UE-409070 |  | 250 sheets Letter / Legal / A4 Size Paper Cassette with the Feeder Unit | UF-595 |
| UE-410045 |  | Expansion Flash Memory Card, 1 MB | UF-585 UF-595 |
| UE-410046 | | Expansion Flash Memory Card, 2 MB | |
| UE-410047 | | Expansion Flash Memory Card, 4 MB | |
| UE-404071 |  | Parallel Port Interface Kit (Used for Printer, Scanner or PC Interface) | UF-585 UF-595 |

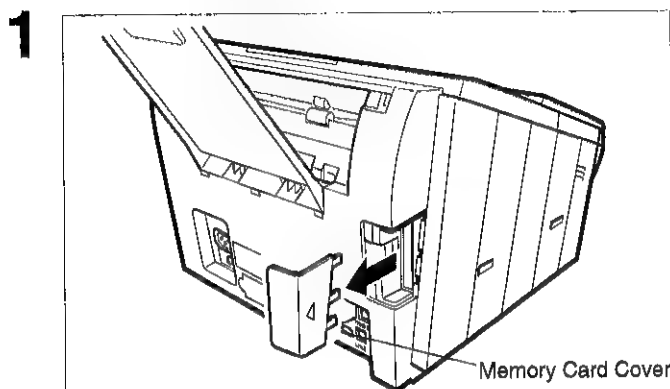
► Options and Supplies

B. Supplies:

| Order No. | Picture | Description | Available Models |
|------------|---|--------------------|------------------|
| DZHT000004 |  | Verification Stamp | UF-585 UF-595 |
| UG-3350 |  | Toner Cartridge | UF-585 UF-595 |

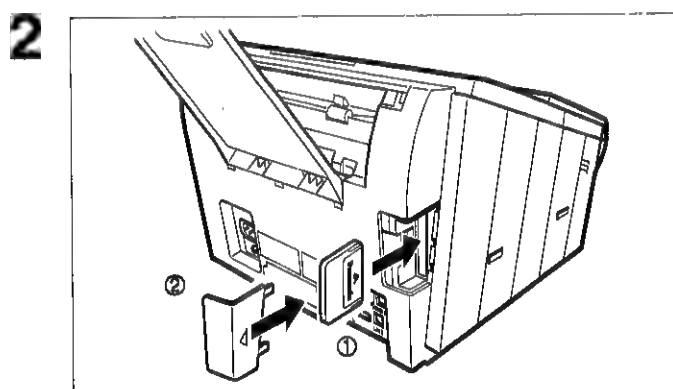
Installing the Flash Memory Card

Before installing, make sure that there is no document file(s) stored in the memory. You may confirm by printing out a File List (See page 80). When the memory card is installed, the machine will initialize the document memory, all contents stored in the document memory at that time will be lost.



(1) Unplug the Power Cord.

(2) Remove the Memory Card Cover.



(1) Insert the Flash Memory Card gently into the card slot with the Panasonic logo facing to the outside of the machine.

Caution: Installing the Flash Memory Card in the wrong direction may damage the connecting pins inside the machine.

(2) Re-install the Memory Card Cover.

3 Plug in the Power Cord. Print out the Fax Parameter List (See page 131) and confirm that the memory size on Fax Parameter No. 99. (See page 38)



1. The document(s) stored in memory will be lost if the memory card is removed.

Glossary

| | |
|--|--|
| ABBR No. (Abbreviated Number) | The ability to store full phone numbers into the dialer and then utilizing a short series of keystrokes to speed dial that number in the future. |
| Access code | A 4-digit programmable access code that prevents unauthorized operation of your Fax. |
| ADF (Automatic Document Feeder) | The mechanism that delivers a stack of document pages to the scanner one page at a time. |
| Automatic reception | The mode that allows you to receive fax documents without user intervention. |
| Auto print reduction | The method of automatically reducing a received document so that it can be printed onto a standard size piece of plain paper. For example, your machine will reduce an incoming legal size page to 75% of its original size so it could fit on a letter size page. |
| BPS (Bits Per Second) | <p>The amount of data that is transmitted over the phone line. Your machine can start at each Max. Modem speed and automatically steps down to suitable speed depending on the phone line condition and the receiving machines capabilities.</p> <p>(Max. Modem Speed UF-585: 14400BPS / UF-595: 33600BPS)</p> |
| C.C.I.T.T. | Consultative Committee on International Telegraph and Telephone. This organization has presently developed four groups of industry standards that insure facsimile compatibility. |
| Character ID | A programmed proprietary code name that allows up to 16 alphanumeric characters identifying your facsimile machine. |
| Character keys | The keys that are used to enter letters and symbols for various programming functions. |
| Coding scheme | The data compression method used by facsimile machines. Your machine utilizes Modified Huffman (MH), Modified Read (MR) and Modified Modified Read (MMR) coding schemes. |
| COMM. JOURNAL | Refers to either the Communication Journal, Relay Transmission Report, or the Confidential XMT Report. |
| Confidential communication | In a network of facsimile machines, a code can be entered to retrieve a document that is stored in memory of a designated relay station. |
| Confidential RCV Report | The report that gives you information about a confidential document(s) that is held in your machine's memory. |
| CONTRAST | Signifies the scanning sensitivity in terms of lightness and darkness of your original transmitting pages. |
| Cover Sheet | A Fax Cover Sheet can be attached to your transmit document(s) that shows the recipient's name, originator's name and number of pages attached. |
| DDD (Direct Distance Dialing) | A telephone service that allows unassisted dialling, no operator assistance is required. |
| Deferred polling | The ability to retrieve documents from other stations at a later time. |

| | |
|---|---|
| Deferred transmission | The ability to send documents to other stations at a later time. |
| Direct Dialling | The method of dialling where you enter the entire telephone number through the keypad. |
| Directory Search Dialling | Allows you to dial a full telephone number by searching the station's name entered in the One-Touch keys or Abbreviated dialling numbers. |
| Directory Sheet | The list that contains the station names that are programmed into your unit. |
| DTMF (Dual Tone Multi-Frequency) | Dialling method that sends a different set of frequencies for each digit of the telephone keypad. Commonly refers to touch tone dialling. |
| ECM (Error Correction Mode) | The ability to correct transmission errors as detected during the transmitting phone call. |
| Energy-Saver Mode | Saves energy by consuming less power than when in standby mode by turning off the fuser unit after the specified time. |
| End receiving station | In a relay network, the final station designated to receive the document. |
| FAX Forward | The ability to forward all incoming faxes to the registered station in the specified ABBR No. |
| FAX Parameter List | The list that contains the home FAX parameters settings that you have programmed into your machine. |
| FAX/TEL Auto Switching | The ability to share a single telephone line for both fax and voice usage. |
| File | A task that has been stored into the memory of your unit. Examples are deferred transactions. |
| Fixed print reduction | The method that allows you to determine one reduction rate, such as 75%, for all incoming documents. |
| FUNCTION | The control panel key that will be utilized to begin an operation or configuration of a feature. |
| G3 mode (Group 3) | Refers to the standards and transmission capabilities of the current generation of facsimile machines. |
| Group dialling | The ability to program many telephone numbers into a single station so that many locations can be dialed in sequence utilizing a single keystroke. |
| HALFTONE | A scanning technique to distinguish levels of gray from black and white. Your machine can detect up to 64 levels of gray in halftone mode. |
| Handshaking | The exchange of a group of control signals that communicate between the transmitter and receiver. These signals determine the condition at which communication can occur. |
| Header | A row of information that is transmitted by the sending machine and printed on the top of each page by the receiving unit. This identifies the transmitting unit and information about the transmission, such as time and date. |

Glossary

| | |
|--|--|
| IN/OUT Mode | <p>IN (Attended reception) and OUT (Unattended reception) mode can be easily changed by just pressing the OUT button. When IN or OUT mode is selected, the reception mode will be set according to the setting in the Fax Parameter 15 and 16.</p> <p>IN Mode : TEL (Fax manual reception) : FAX/TEL Auto Switch</p> <p>OUT Mode : FAX (Fax automatic reception) : TAM I/F</p> |
| ITU-T | International Telecommunication Union - Telecommunication, formerly known as C.C.I.T.T. |
| ITU-T Image No.1 | An industry standard document that allows comparisons of the transmission speeds and capabilities of facsimile machines. |
| ID | A programmable address of up to 20 digits identifying your machine. |
| Image memory capacity | This signifies the amount of memory available in your unit capable of storing pages of documents. All page units of measure are based on the ITU-T Image No.1. |
| Individual Transmission Journal | A report that is printed by the transmitting unit stating information regarding the last document transaction. |
| Information code | A code that is internally generated by your Fax stating a specific operational error or machine failure. |
| Initial sending station | In a relay network, the station that is originating the document transmission. |
| Journal | A report that is printed by your unit listing the last 32 transactions. |
| Keypad | A group of numeric keys located on your control panel. |
| LCD | Liquid Crystal Display. The display area of your machine. |
| LOGO | Your programmed company name or identification up to 25 alphanumeric characters. |
| Manual reception | A mode that requires operator intervention to receive an incoming document. |
| Memory transmission | The documents are scanned into memory before actual connection to the phone line for transmission. |
| Modem | A device that converts signals from your fax machine into signals that can be transmitted over telephone lines. |
| Multi-station transmission | The ability to broadcast the same set of documents to a programmed number of locations. |
| Network address | An individual 4-digit addressing number assigned to a One-Touch/Abbreviated number that identifies a particular station in a relay network. |
| Network password | A 4-digit password assigned to a network address to prevent unauthorized stations from accessing a relay station. |
| Off-hook dialling | The direct dialling of a telephone number with the handset out of the cradle or "off the hook." |

| | |
|----------------------------------|--|
| On-hook dialling | The direct dialling of a telephone number with the handset in the cradle or "on the hook." |
| One-Touch dialling | The ability to dial an entire telephone number by pressing one key. |
| Overlap Printing | Documents too long to be reduced are automatically printed on two pages with approximately 10 mm overlap. |
| Panasonic Super Smoothing | An electronic image enhancement (Panasonic Super Smoothing) that will create a particular pattern for the improvement of copy quality. |
| Polling | The ability to retrieve a document from another facsimile machine. |
| Polling password | A 4-digit programmed code that enables the security of a document being polled. |
| Power Saver Mode | To reduce the power consumption of the machine in standby, select the time period to turn OFF the high temperature fuser unit when the printer is idle. |
| Print Collation | The ability to stack received documents in the correct order. |
| Print reduction modes | The methods used to determine how an incoming document will be reduced to print onto the paper loaded in your machine. |
| Program keys | Keys that are defined for storing a sequence of stations to be dialed or polled. |
| Protocol | A protocol is the special set of rules for communicating that the end points in a telecommunication connection use when they send signals back and forth. Both end points must recognize and observe the protocol. |
| PSTN | Public Switched Telephone Network. Network of interconnected switching equipment and transmission facilities. |
| Receiving password | A 4-digit password that is checked before a document is received. |
| Relay address | A 2-digit code that identifies your machine is programmed in a relay network. |
| Relay network | A group of facsimile machines that communicate via a relay station. |
| Relay station | A certain type of facsimile machine that can store and forward documents to an end receiving station and/or a relay station in another relay network. Your machine can not be used as a relay station. |
| Relay Transmission | Sending a document to a relay station, which in turn, sends the document to the end receiving station. |
| Relay Transmission Report | A report that contains information regarding the last document transmission to a relay station. |
| RESOLUTION | Relates to the number of dots scanned or printed per certain square. The quality of the image increases as the number of dots per certain square increases. |
| Selective reception | A function that can be set so that your unit will receive from only those machines programmed into your dialer. |

Glossary

| | |
|------------------------------------|---|
| Sleep Mode | The lowest power state that the machine enters after the specified time without actually turning off. |
| Station name | Alphanumeric ID which can be programmed for each One-Touch dialling and Abbreviated dialling number. |
| Stored documents | Documents that have been scanned and now are stored in your machine's memory. |
| Sub-address | ITU-T recommendation for further routing, forwarding or relaying of incoming faxes. |
| Sub-address Password | ITU-T recommendation for additional security that corresponds to the Sub-address. |
| Substitute memory reception | Your machine's ability to store an incoming document into its memory, when it runs out of recording paper or toner. |
| Transmission reservation | The ability to preset a telephone number so that you may reserve a transmission while your unit is performing another function. |
| TAM Interface | A capability of your unit to be connected and operate with a Telephone Answering Machine(TAM). |
| Transmission password | A 4-digit password that is checked when a document is transmitted. |
| User parameter | Programmed parameters that provide information to other stations. Examples are logo, character ID, date and time. |
| Verification stamp | A user selectable transmission verification stamp can be placed on scanned documents that are successfully transmitted or stored in memory. |
| View Mode - File List | Allows you to view the brief contents of the memory files through the LCD display without having to print the Memory File List. |
| View Mode - Journal | Allows you to view the brief contents of the journal through the LCD display without having to print the journal. |

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TO THE USER

Before connecting this equipment to a British Telecom line, the lower portion of this form should be sent to your local BT District Office. This form is to:

- a) Advise them of your connection.
- b) Where necessary, request the installation of a suitable BT connection socket for telephone network or PBX connection. In the latter case, the form may be used only where the extension wiring is owned by BT.

To: THE DISTRICT BUSINESS SYSTEMS MANAGER

At: _____

I/We _____ have purchased
a _____ Approval No.: _____
and intend to use the equipment in your area.

I/We do/do not require the installation of a BT wall socket for this equipment.

(signed)

Name: _____

Address: _____

Tel No.: _____

Facsimile Number Directory

Name

Number

This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

